THE UNIVERSITY

OF

# NORTH CAROLINA

THE ONE HUNDRED
AND ELEVENTH SESSION

# THE CATALOGUE

## 1905-1906

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CHAPEL HILL

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# CALENDAR.

## 1906.

| | |
|---|---|
| *September 10–15* | *Monday to Saturday.* Examinations for Removal of Conditions. |
| *September 10-12.* | *Monday, Tuesday, Wednesday.* Examinations for Admission into the College. Registration. |
| *September 13.* | *Thursday.* Lectures begin. |
| *October 12.* | *Friday.* University Day. |
| *November 29.* | *Thursday.* Thanksgiving Day. |
| *December 21.* | *Friday.* Christmas Recess begins. |

## 1907.

| | |
|---|---|
| *January 2, 3.* | *Wednesday, Thursday.* Registration. |
| *January 4.* | *Friday.* Lectures begin. |
| *February 22.* | *Friday.* Washington's Birthday. |
| *May 1.* | *Wednesday.* Selection of Commencement Orators. |
| *May 15.* | *Wednesday.* Last Day for the Delivery of Graduating Theses at the Registrar's Office. |
| *June 2.* | *Sunday.* Baccalaureate Sermon.<br>Sermon before the Y. M. C. A. |
| *June 3.* | *Monday.* Inter-Society Banquet and Reunions. |
| *June 4.* | *Tuesday.* Senior Class Day.<br>Address to the Alumni.<br>Meeting of the Board of Trustees.<br>Inter-Society Debate. |
| *June 5.* | *Wednesday.* Commencement Day.<br>Summer Vacation begins. |
| *June 13.* | *Thursday.* Summer Law School Begins. |
| *September 9-14* | *Monday to Saturday.* Examinations for Removal of Conditions. |

# THE UNIVERSITY.

FOUNDATION AND GOVERNMENT. The University was established in obedience to the first Constitution of the State, which was adopted in December, 1776. A clause of section XLI declared that "all useful learning shall be duly encouraged, and promoted in one or more universities." The Charter was granted by the General Assembly in 1789, the corner stone of the Old East Building was laid in 1793, and the University was opened in 1795.

The title, preamble, and first section of the Act of incorporation are as follows.

"*An Act to establish a University in this State.*

"WHEREAS in all well regulated Governments, it is the indispensable Duty of every Legislature to consult the Happiness of a rising Generation, and endeavor to fit them for an honourable Discharge of the social Duties of Life, by paying the strictest attention to their Education: And whereas an University supported by permanent Funds, and well endowed, would have the most direct Tendency to answer the above Purpose:

"I. *Be it therefore enacted by the General Assembly of the State of North Carolina, and it is hereby enacted by the Authority of the Same,* That, *Samuel Johnston, James Iredell, Charles Johnson, Hugh Williamson, Stephen Cabarrus, Richard Dobbs Spaight, William Blount, Benjamin Williams, John Sitgreaves, Frederick Hargett, Robert Snead, Archibald Maclaine,* Honourable *Samuel Ashe, Robert Dixon, Benjamin Smith,* Honourable *Samuel Spencer, John Hay, James Hogg, Henry William Harrington, William Barry Grove,* Reverend *Samuel M'Corkle, Adlai Osborne, John Stokes, John Hamilton, Joseph Graham,* Honourable *John Williams, Thomas Person, Alfred Moore, Alexander Mebane, Joel Lane, Willie Jones, Benjamin Hawkins, John Haywood,* senior, *John Macon, William Richardson Davie, Joseph Dixon, William Lenoir, Joseph M'Dowell, James Holland* and *William Porter,* Esquires, shall be and they are hereby declared to be a Body politic and corporate to

be known and distinguished by the name of *The Trustees of the University of* North Carolina;* and by that name shall have perpetual Succession and a common Seal; and that they the Trustees and their Successors, by the Name aforesaid, or a Majority of them, shall be able and capable in Law to take, demand, receive, and possess all Monies, Goods and Chattels that shall be given them for the Use of the said University, and the same apply according to the Will of the Donors, and by Gift, Purchase or Devise to take, have, receive, possess, enjoy and retain to them and their Successors forever, any Lands, Rents, Tenements and Heriditaments, of what Kind, Nature or Quality soever the same may be, in special Trust and Confidence that the same or Profits thereof shall be applied to and for the Use and Purpose of establishing and endowing the said University."†

The University is governed by a board of trustees elected by the Legislature, and is free from sectional, sectarian, or political control. The Governor of the State is *ex-officio* President of the Board of Trustees.

Article IX of the Constitution of 1876 contains the following provisions regarding the University:

"SEC. 6. The General Assembly shall have power to provide for the election of Trustees of the University of North Carolina, in whom, when chosen, shall be vested all the privileges, rights, franchises and endowments thereof, in anywise granted to or conferred upon the Trustees of said University; and the General Assembly may make such provisions, laws and regulations from time to time as may be necessary and expedient for the maintenance and management of said University.

SEC. 7. The General Assembly shall provide that the benefits of the University, as far as practicable be extended to the youth of the State free of expense for tuition; also that all the property which has heretofore accrued to the State, or shall hereafter accrue, from escheats, unclaimed dividends, or distributive share of the estates of deceased persons, shall be appropriated to the use of the University."

LOCATION. The seat of the University is Chapel Hill, Orange county, twenty-eight miles northwest of Raleigh. Two daily passenger trains run between Chapel Hill and University Junction, a station on the North Carolina Railroad. The site for the institution was selected because of its

* The corporate name has been changed to The University of North Carolina.

†Laws of the State of North Carolina, published by James Iredell, Edenton, MDCCXCI.

healthfulness, its freedom from malaria, its supply of pure water, its beautiful scenery, and its central location in the State.

EQUIPMENT. The University campus contains forty-eight acres of land, affording ample grounds for buildings and for all sorts of athletic sports. The University owns, contiguous to the campus, five hundred acres of forest land, which is partly laid off in walks and drives. The University has nineteen buildings.

*The South Building* contains two lecture rooms and thirty living rooms.

*The Old East Building* contains two lecture rooms and twenty-eight living rooms.

*The Old West Building* contains two lecture rooms, the Historical Museum, and twenty-seven living rooms.

*Person Hall* contains the Medical Laboratories and a lecture room.

*Gerrard Hall* is used for morning prayers, for the meetings of the Young Men's Christian Association, and for public lectures.

*Smith Hall* contains the University Library and the reading rooms.

*The New West Building* contains the Dialectic Literary Society's Hall, the Pharmaceutical Laboratory, two lecture rooms, and nine living rooms.

*The New East Building* contains the Philanthropic Literary Society's Hall, the Biological Laboratory and Museum, the Geological Laboratory and Museum, the offices of the North Carolina Geological Survey, and three lecture rooms.

*Memorial Hall* commemorates the illustrious dead of the University. It is used at Commencement for public exercises.

*The Alumni Hall* contains the offices of administration, the Physical Laboratories, and ten lecture rooms.

*The Carr Building*, the gift of Gen. J. S. Carr, contains forty-two living rooms with every modern convenience.

*The Mary Ann Smith Building* contains forty living rooms of the most modern type.

*The William Preston Bynum, Jr., Gymnasium* is the gift of Judge William Breston Bynum, in memory of his grandson, William Preston Bynum, Jr., of the class of 1893. It is furnished with modern apparatus, swimming pool, baths, lockers, running track; and contains a trophy room and the office of the Instructor in Physical Training.

*The Young Men's Christian Association Building*, now in process of con-

struction, will soon be finished, and will give greater efficiency to the valuable work already being done by the Association.

*Chemistry Hall* contains Chemical Laboratories, lecture rooms, offices for the instructors, and store rooms.

*The Dissecting Hall*, for the use of the Medical School, is apart from the other buildings.

*The Infirmary* contains five rooms which are properly furnished for the care and treatment of the sick.

*Commons* is the dining hall of the University. The whole enterprise was made possible through the beneficence of Mrs. Frederick Baker, of New York. Board is furnished at eight dollars a month. Students wait upon the tables, and do other kinds of work, for which they receive their board.

*The Power House* contains the electric lighting plant, the central heating plant, filter and pumps of the system of water supply, and the rooms of the University Press.

The general equipment has been improved by a thorough system of sewers and baths, a supply of pure water in all the buildings, and hot water in all the offices, recitation rooms and reading rooms.

COLLEGE YEAR. The College year begins on the second Thursday in September. Commencement is held on Wednesday before the first Thursday in June. The Summer vacation begins at Commencement Day and ends on the Wednesday before the second Thursday in September. There is a Christmas recess of about ten days. The twelfth of October (University Day), Thanksgiving Day, and the twenty-second of February (Washington's Birthday) are holidays.

DEGREES. The degrees of Bachelor of Arts, Bachelor of Science, Master of Arts, Master of Science, Doctor of Philosophy, Doctor of Medicine, Bachelor of Laws, and Graduate of Pharmacy are conferred by the vote of the Trustees, after the recommendation of the Faculty, upon candidates who have satisfied the requirements of residence and study at the University. Students who are not candidates for a degree may elect any studies they wish, devoting their time entirely to one or two subjects, or selecting groups of such subjects as suit their tastes and purposes.

GRADUATE STUDENTS. Free instruction is given in the College to graduates of colleges and universities. Women are admitted to the higher courses of the University.

PHYSICAL TRAINING Hearty encouragement is given to athletic sports and to all kinds of physical culture. The athletic field furnishes ample facilities for football and baseball. The Lake Track is admirably adapted for running, bicycling, and general track athletics. Fifteen tennis courts are located on the campus. Systematic exercise in the Bynum Gymnasium under a skilled instructor is required of all students in the College, except Seniors.

GENERAL CULTURE Prayers are conducted in Gerrard Hall, with the reading of the scriptures and singing, every weekday morning except Saturday, at 8:30 o'clock. Attendance at this service is required of all Freshmen and Sophomores, unless specially excused. Bible classes for young men are taught in each of the four churches of the village every Sunday. Religious exercises are held twice a week, or oftener, in each church. A series of sermons is delivered annually by the University Preachers, chosen by the Trustees from the various denominations. Bible lectures are delivered every Sunday morning in Gerrard Hall. The Young Men's Christian Association meets three times a week, for prayer and other services, and conducts a series of Bible courses, which are numerously attended by the students.

DISCIPLINE. The University endeavors to make young men manly and self-reliant, and to develop character by educating the conscience. The Faculty may, at their discretion, admonish, suspend, or dismiss students for neglect of duty or for misconduct.

MEDICAL ATTENDANCE. On the payment of an annual fee of $5 00, each student receives the careful attention of the University Physician. In this way the best medical advice is to be had at the least cost. The Infirmary, under the supervision of the University Physician and provided with a trained nurse, affords the conveniences and comforts necessary for the students in their sickness

# TRUSTEES.

ROBERT BRODNAX GLENN, GOVERNOR. President *ex-officio* of the Board of Trustees.

RICHARD HENRY BATTLE, Secretary and Treasurer

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1907.*

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* The legal term of office expires November 30 of the year indicated.

1909

| | |
|---|---|
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1911

| | |
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| | |
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†Resides at Raleigh, N. C.

*Absent on leave, 1905-1906.

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WILLIAM HENRY LEE MANN, *Assistant in Latin.*
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LOUIS ROUND WILSON, PH.D., *Librarian.*
NUMA REID CLAYTOR, *Assistant in the Library.*
ROY MELTON BROWN, *Assisiant in the Library.*
LUTHER WOOD PARKER, *Assistant in the Library.*
BENJAMIN EARL WASHBURN, *Assistant in the Library.*
WILEY HASSELL MARION PITTMAN, *Assistant in the Library.*
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WILLIE THOMAS PATTERSON, *Bursar.*
CHARLES THOMAS WOOLLEN, *Registrar.*
JOHN FRANK PICKARD, *Superintendent of Buildings.*

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CURRICULUM. Professors Gore, H. V. Wilson, Battle, Alexander, Hume, Noble.

AUDITING. Professors Toy, Cain, Latta.

ATHLETICS. Professors Mangum, Coker, Herty, Graham.

CATALOGUE. Professors Howe, T. J. Wilson, Smith.

COMMONS. Professors Toy, Williams; Mr. McKie.

LIBRARY. Professors Alexander, Raper, Smith, Graham.

RECORD. Professors Alexander, Smith, Henderson.

PROFESSIONAL SCHOOLS. Deans McRae, Manning, Howell.

UNIVERSITY MAGAZINE. Professors Cobb, Graham.

YOUNG MEN'S CHRISTIAN ASSOCIATION. Professors Hume, Wheeler, Bruner; Mr. McKie.

PUBLIC LECTURES. Professors Smith, Alexander, Henderson; Mr. McKie.

DEBATES. Professors Hume, Williams, Raper, Smith, Graham.

SELF HELP. Professors Wheeler, Walker; Mr. McLean.

UNIVERSITY PRESS ASSOCIATION. Professors Latta, T. J. Wilson.

UNIVERSITY SERMONS. Professors Toy, Raper, Henderson.

UNIVERSITY PRESS. Professor Cobb.

CLASS REUNIONS. Professors Latta, T. J. Wilson, Howe.

GRADUATE DEPARTMENT. President Venable; Professors Smith, Gore, Alexander, Toy.

ENTRANCE CERTIFICATES. Professors Gore, T. J. Wilson, Smith.

UNIVERSITY BULLETIN. Professors Latta, T. J. Wilson; Mr. McLean.

SCHEDULES. Professors Gore, T. J. Wilson.

# THE COLLEGE.

The College comprises two departments of undergraduate study, the Academic Department and the Department of Applied Sciences. The courses of instruction outlined in the Academic Department lead to the degree of Bachelor of Arts; those in the Department of Applied Sciences lead to the degree of Bachelor of Science.

## ADMISSION.

### Admission into the Freshman Class.

The requirements for admission into the Freshman class are the same for both departments. Candidates are received by examination or by certificates from accredited schools.

Entrance examinations are held in September. Arrangements have been made with certain schools in the State whereby examinations for admission may be held in May, also, at the schools. The University will accept the uniform entrance examination papers of the Association of Colleges and Preparatory Schools of the Southern States, provided such papers are properly vouched for and sent sealed to the University for grading. Candidates for admission by examination must report at 9 A. M. *Monday, September 10, 1906*, to the Registrar, who will appoint time and place for examination.

Students who present certificates of work accomplished at preparatory schools or colleges may be admitted without examination, provided the certificates are approved. The right to examine, however, is reserved, when such a course is deemed necessary. Certificates must be made out on the printed forms furnished on application to the Registrar. They must be submitted for approval to the Committee on Entrance Certificates

in No. 10 Alumni Building during the period of registration (*September 10, 11, 12, 1906,*) and then deposited with the Registrar before the work can be officially credited.

### Subjects Accepted for Entrance.

All candidates for admission to the Freshman Class must offer preparation in Mathematics, in English, in History, and in the subjects designated in one of the following groups:

| Group 1. | Group 2. | Group 3. |
|---|---|---|
| Latin | Latin or Greek | French |
| Greek | French or German | German |
| | Physics | Physics |

When applicants have had no preparation in Greek or in French or in German or in Physics, the requirement may be satisfied by pursuing the corresponding courses in College. But these studies will not then be counted as any part of the requirement for the bachelor's degree.

Each subject to be offered for entrance has a valuation by points according to the following table:

| | | |
|---|---|---|
| GREEK: | Xenophon and Grammar | 2½ points |
| | Prose Composition | ½ point |
| LATIN: | Caesar and Grammar | 1 point |
| | Cicero | 1 point |
| | Vergil | 1½ points |
| | Prose Composition | ½ point |
| ENGLISH: | Grammar and Rhetoric | 1 point |
| | Literature | 2 points |
| HISTORY: | American | 1 point |
| | English | 1 point |
| | Greek and Roman | 1 point |
| MATHEMATICS: | Arithmetic | 1 point |
| | Algebra | 2 points |
| | Geometry | 1 point |
| GERMAN: | Grammar | 1 point |
| | Translation | 1 point |

| | | |
|---|---|---|
| FRENCH: | Grammar | 1 point |
| | Translation | 1 point |
| PHYSICS: | | 2 points |

For unconditioned entrance to the several groups the following total number of points is required:

| | |
|---|---|
| Group 1 | 16 points |
| Group 2 | 17 points (16 if Greek is taken). |
| Group 3 | 15 points. |

A student who fails to secure full credit in any subjects required for admission may be admitted with conditions in those subjects, provided he shall have to his credit more than two-thirds of the total number of points required for entrance in such subjects as are not taught in the University.

Such conditions must be removed before the beginning of the Sophomore year. He will receive no final mark in the May examination of the Freshman year in the department in which such condition occurs until the condition is removed. Nor will he be admitted to the work of the Sophomore year in any department until all entrance conditions are removed.

The requirements in each of the subjects offered for entrance are as follows:

1. GREEK. Three books of Xenophon's Anabasis; acquaintance with the more usual forms and constructions; simple narrative in English, based upon Xenophon's Anabasis, to be translated into Greek.

2. LATIN. Two books of Cæsar's Gallic War; four orations of Cicero; six books of Vergil's Aeneid; Latin Grammar, including prosody; simple narrative in English, based upon the prose read, to be translated into Latin.

3. *ENGLISH. I. Grammar. Elements of Rhetoric.

II. Literature.

(*a*) For reading:—Shakspere's The Merchant of Venice and Macbeth; The Sir Roger de Coverley Papers in The Spectator; Irving's Life of Goldsmith; Coleridge's Ancient Mariner; Scott's Ivanhoe and Lady of the Lake; Tennyson's Gareth and Lynette, Lancelot and Elaine, and The

* These requirements are uniform with those of the leading colleges in the United States.

Passing of Arthur; Lowell's The Vision of Sir Launfal; George Eliot's Silas Marner.

(*b*) For study and practice:—Shakspere's Julius Caesar; Milton's L'Allegro, Il Penseroso, Comus and Lycidas; Burke's Speech on Conciliation with America; Macaulay's Essays on Addison and Life of Johnson.

The candidate is expected to have sufficient knowledge of the books grouped under (*a*) to enable him to answer general questions on their substance. The form of the examination will be the composition of paragraphs on a number of topics connected with the works. The ability of the candidate to express his ideas in clear accurate English is a main consideration. No applicant should present himself who is notably deficient in spelling, grammar, or paragraphing. Under group (*b*) are enumerated the works that are to be carefully studied. The questions will be upon subject matter and structure.

4. HISTORY. Either of the following courses:

(*a*) The histories of the United States, Greece and Rome, as outlined in the best text books for high schools.

(*b*) The histories of the United States and England as outlined in the best text books for high schools.

5. MATHEMATICS. A good working knowledge of Arithmetic, including fundamental operations (particularly on common and decimal fractions), compound numbers, percentage, interest and extraction of square root; the whole of a high school Algebra and a college or academic Algebra to quadratics; the first three books of Plane Geometry. In 1907 the requirement in Geometry will be increased to the whole of Plane Geometry.

6. GERMAN. A thorough knowledge of the inflections, including the most common strong verbs; acquaintance with the ordinary laws of German syntax; such facility in translation as is gained by a careful study of at least 150 duodecimo pages of ordinary modern German prose; ability to translate into German simple sentences based on the passage assigned for examination; accurate pronunciation.

7. FRENCH. A knowledge of the forms and uses of the various parts of speech, including irregular verbs; translation of about 200 duodecimo pages of French prose into good idiomatic English; translation of simple English sentences into French; accurate pronunciation.

It is recommended that the preparation for the entrance examinations in German and French be extended over two full school years, with four reci-

tation periods per week, so as to allow time for short lessons with dictation exercises, oral practice, and frequent reviews.

8. PHYSICS. The whole of an elementary course such as is contained in Carhart and Chute's High School Physics or its equivalent, embracing the work of at least one session of nine months.

### Admission to Advanced Standing.

A candidate for advanced standing may be admitted to the Sophomore, Junior, or Senior Class, with or without complete examination. He is subject not only to the examinations required of candidates for admission into the Freshman Class, but to special examinations both in all the required studies already pursued by the class which he desires to enter, and in as many elective studies as would have been required of him as a member of that class. When satisfied with the apparent fitness of the candidate, the examining committee may, in spite of his deficiencies in some studies, admit him to an advanced class; but a candidate so admitted is not recommended for the degree until the deficiencies are made good. The examining committee may accept, also, with proper restrictions, the official report of work satisfactorily completed at a college or university of good standing, in place of an examination upon such previous work.

A candidate for advanced standing should present himself for examination on the same days and at the same hours with candidates for admission into the Freshman Class.

### Admission of Students Not Candidates for a Degree.

A student who desires to pursue a course of study, without becoming a candidate for a degree, may be admitted into the College upon the presentation of a certificate from the college or university last attended, or by passing satisfactory examinations on at least three subjects required for entrance. English must be one of the subjects offered. A candidate so admitted enjoys the same privileges as other members of the College, and is subject to the same regulations.

# ACADEMIC DEPARTMENT.

## COURSES LEADING TO THE DEGREE OF BACHELOR OF ARTS.

In order to be recommended for the degree of Bachelor of Arts, the student must have passed satisfactory examinations in all the studies required in one of the groups prescribed for the Freshman and Sophomore years, and in a number of elective studies during the Junior and Senior years sufficient to amount to an average of fifteen hours of lecture or recitation per week for each of these years.

The group of studies selected for the Freshman and Sophomore years must correspond to the group of subjects offered for entrance.

### Freshman Year.

| Group 1. | Group 2. | Group 3. |
|---|---|---|
| English 1 (3)* | English 1 (3) | English 1 (3) |
| Mathematics 1 (4) | Mathematics 1 (4) | Mathematics 1 (4) |
| Greek 1 (4) | Select one: Greek 1 (4) / Latin 1 (4) | Select one: German 2 (3) / French 2 (3) |
| Latin 1 (4) | Select one: German 2 (3) / French 2 (3) | Select two: History 1 (3) / Spanish 1 (3) / Geology 1 (3) |
| | Select one: German 1 (3) / French 1 (3) / History 1 (3) | |

* Numerals in parentheses indicate the number of hours per week in each study.

## Sophomore Year.

### Group 1.

English 2 (3)

Select one: Greek 2 (3); Latin 2 (3)

Select two: Greek 2 (3); Latin 2 (3); German 1 (3); French 1 (3)

Select one: Mathematics 2 (3); Chemistry 1 (3); Physics 1 (3)

### Group 2.

English 2 (3)

Select two: Greek 2 (3); Latin 2 (3); German 2 (3); French 2 (3); German 1 (3); French 1 (3)

Select two: Mathematics 2 (3); Chemistry 1 (3); Physics 1 (3)

### Group 3.

English 2 (3)

Mathematics 2 (3)

Chemistry 1 (3)

Physics 1 (3)

Select one: German 2 (3); French 2 (3); Geology 3 (3); Zoology 1 (3); Botany 1 (3)

## Junior Year.

Elective Studies amounting to fifteen hours per week, of which at least one study must be taken from each of the following groups, A, B, and C:

### A.

English 3 (2), 4 (3), 6 (3), 14 (2), 16 (2).

Public Speaking 1 (1), 2 (2).

Greek 2 (3), 3 (1), 4 (2), 5 (2), 6 (2), 7 (3), 9 (2), 10 (2), 14 (2).

Latin 2 (3), 3 (1), 4 (2), 5 (2), 6 (2), 7 (2), 7A (2), 8 (2), 9 (2), 10 (2).

German 2 (3), 3 (3), 4 (3), 5 (3), 6 (3), 7 (3).

French 2 (3), 3 (3), 4 (3), 5 (2).

Spanish 1 (3).

Italian 1 (3).

B.

History 2 (2), 3 (3), 4 (2), 5 (3), 6 (2), 7 (3).
Philosophy 1 (3), 2 (2), 3 (2), 4 (3).
Economics 1 (2), 2 (2), 4 (2), 5 (2), 6 (2).
Pedagogy 1 and 2 (3) (for teachers only), 3 (3), 4 (3), 5 (2), 6 (2).
School Organization 1 (2) and 2 (2) (for teachers only).
Law 1 (3).

C.

Mathematics 2 (3), 3 (3), 3A (3), 3B (2), 4 (3), 5 (3).
Physics 1 (3), 2 (2), 4 (2), 4A (2), 5 (2), 6 (3), 8 (2).
Chemistry 1 (3), 2 (3), 3 (2), 4 (3), 5 (3 or 5).
Zoology 1 (3), 2 (3), 3 (3).
Botany 1 (3), 2 (3), 3 (3).
Geology 2 (2), 3 (3), 4 (3), 5 (2), 8 (3), 13 (3).

The selection made must in each case be submitted to the Dean of the Faculty for approval.

## Senior Year.

ELECTIVE STUDIES amounting to fifteen hours per week, subject to the condition stated above for the Junior Year. In addition to the courses named for Junior Year the following courses also are open to Seniors.

A.

English 5 (2), 9 (2), 11 (2), 13 (2), 15 (2).

B.

History 9 (2), 10 (2).
Economics 3 (2).

C.

Mathematics 6 (3), 7 (3), 7A (2), 8 (3), 10 (2).
Physics 7 (4), 9 (2).

Chemistry 6 (2), 7 (2), 7A (2), 8 (5).

Geology 6 (3).

Anatomy 1 (3).

Physiology 1 ($1\frac{1}{2}$).

The selection made must in each case be submitted to the Dean of the Faculty for approval.

# DEPARTMENT OF APPLIED SCIENCES.

## COURSES LEADING TO THE DEGREE OF BACHELOR OF SCIENCE.

In order to be recommended for the degree of Bachelor of Science, the student must have passed satisfactory examinations in all the studies required in one of the four courses outlined in this department. Each course combines instruction in certain sciences and their application to the arts with certain other general studies deemed essential for a liberal education. These courses are designed to furnish the fundamental instruction and to prepare students to pursue the technical professions to which they lead. The courses are four in number:

I. Chemistry.
II. Electricity.
III. Civil Engineering.
IV. Mining and Metallurgy.

In addition to the degree of Bachelor of Science, a special certificate will be given on the completion of any one course.

### I. CHEMISTRY.

#### Freshman Year.

| Group 1. | Group 2. | Group 3. |
|---|---|---|
| English 1 (3)* | English 1 (3) | English 1 (3) |
| Mathematics 1 (4) | Mathematics 1 (4) | Mathematics 1 (4) |

* Numerals in parentheses indicate the number of hours per week in each study.

| Group 1 (con.) | Group 2 (con.) | Group 3 (con.) |
|---|---|---|
| Greek 1 (4) | Select one: Greek 1 (4) / Latin 1 (4) | Select one: German 2 (3) / French 2 (3) |
| Latin 1 (4) | Select one: German 2 (3) / French 2 (3) | Select two: History 1 (3) / Spanish 1 (3) / Geology 1 (3) |
| | Select one: German 1 (3) / French 1 (3) / History 1 (3) | |

**Sophomore Year.**

| Group 1. | Group 2. | Group 3. |
|---|---|---|
| English 2 (3) | English 2 (3) | English 2 (3) |
| Mathematics 2 (3) | Mathematics 2 (3) | Mathematics 2 (3) |
| Chemistry 1 (3) | Chemistry 1 (3) | Chemistry 1 (3) |
| Chemistry 3 (2) | Physics 1 (3) | Chemistry 3 (2) |
| Physics 1 (3) | Select one: German 1 (3) / German 2 (3) / French 1 (3) / French 2 (3) | Physics 1 (3) |
| German 1 (3) | | Select one: German 2 (3) / French 2 (3) |

**Junior Year.**

Elective (2)
Chemistry 2 (3)
Chemistry 4 (3)
Chemistry 5 (5)
Drawing 1 (2)

**Senior Year.**

Chemistry 6 (2)
Chemistry 7 or 7A (2)
Chemistry 8 (5)
Geology 2 (2)
Physics 9 (1½)

## II. ELECTRICITY.

**Freshman Year.**

(Same as Freshman Year of Course I).

| Sophomore Year. | Junior Year. | Senior Year. |
|---|---|---|
| English 2 (3) | Elective (2) | English 4 (3) |
| Mathematics 2 (3) | Mathematics 3 (3) | Physics 7 (4) |
| Chemistry 1 (3) | Physics 4A (2) | Physics 8 and 9 (2) |
| Chemistry 3 (2) | Physics 6 (3) | Chemistry 2 (3) |
| Physics 1 (3) | Drawing 1 (2) | Drawing 2 (2) |
| Physics 4 (2) | Select one: Mathematics 4 (3) / Chemistry 4 (3) | |

## III. CIVIL ENGINEERING.

### Freshman Year.

(Same as Freshman Year of Course I).

| Sophomore Year. | Junior Year. | Senior Year. |
|---|---|---|
| English 2 (3) | Elective (2) | English 4 (3) |
| Mathematics 2 (3) | Mathematics 3B (3) | Mathematics 7A (2) |
| Mathematics 3 (3) | Mathematics 4 (3) | Mathematics 8 (3) |
| Chemistry 1 (3) | Mathematics 7 (3) | Mathematics 10 (3) |
| Physics 1 (3) | Geology 3 (3) | Elective (3) |
| Drawing 1 (2) | Drawing 2 (2) | |

## IV. MINING AND METALLURGY.

### Freshman Year.

(Same as Freshman Year Course I).

| Sophomore Year. | Junior Year. | Senior Year. |
|---|---|---|
| English 2 (3) | Elective (2) | English 4 (3) |
| Mathematics 2 (3) | Mathematics 3 (3) | Chemistry 2 (3) |
| Physics 1 (3) | Mathematics 4 (3) | Chemistry 4 (3) |
| Chemistry 1 (3) | Physics 6 (3) | Geology 4 (3) |
| Chemistry 3 (2) | Geology 2 (2) | Geology 6 (3) |
| Geology 3 (2) | Drawing 1 (2) | Drawing 2 (2) |
| | Ore Deposits (24 lectures) | Mining (10 lectures) |

# SPECIAL COURSES.

Elective studies may be selected by students who are unable to complete a course leading to the degree. Students intending to pursue these elective studies must prove their qualifications according to the regulations on page 26. After satisfying these entrance requirements, they may elect such studies as they are qualified to pursue. These elective studies may be arranged as preparatory to teaching or to the study of law or medicine.

## SPECIAL COURSES FOR STUDENTS INTENDING TO TEACH.

First Year: English 1, Mathematics 1, History 1, Pedagogy 1, 2, and 5; one study from the following group: Latin 1, Greek 1, French 1, German 1.

Second Year: English 2, Physics 1 or Chemistry 1, Pedagogy 2, 4, and 6. Electives amounting to a total of six hours from the following group: German, French, Greek, Latin, Mathematics, Geology, Physiology, History.

## SPECIAL COURSE IN SOIL INVESTIGATION.

Students who have satisfied the entrance requirements and have completed the following prerequisites and also the prescribed two years' course will receive a certificate on Soil Investigation.

Prerequisites: English 1 and 2; Mathematics 1; Physics A; and two of the following: German 1, French 1, Spanish 1.

First Year. Chemistry 1 (3); Chemistry 3 (2); Physics 1 (3); Geology 1 (3); Soils 1 (3).

Second Year. Zoology 1 (3); Botany 1 (3); Chemistry 4 (3); Geology 8 (3); Soils 2 (2); Mapping (2).

# COURSES OF INSTRUCTION.

## GREEK.

EBEN ALEXANDER, PH.D., LL.D., *Professor of the Greek Language and Literature.*

WILLIAM STANLEY BERNARD, A.M., *Instructor in Greek.*

Professor ALEXANDER and Mr. BERNARD.

A. A course for students who have had no opportunity of studying Greek in the preparatory schools. Moss's First Greek Reader; Babbitt's Greek Grammar; Xenophon's Anabasis. *Both terms, four hours.*

1. Homer's Iliad, books I., II., and III.; review of important grammatical principles; Lysias, selected speeches; reading at sight. Required of Freshmen in Group 1, elective in group 2. *Both terms, four hours.*

2. Plato, Apology and Crito; Aristophanes, Clouds; Euripides, Alcestis; reading at sight; lectures on Greek Literature. Sophomore elective in Groups 1 and 2. *Both terms, three hours.*

3. Prose Composition, elementary course, intended as supplementary to Greek 1; open to students who are taking or have taken Greek 1. *Both terms, one hour.*

4. Lectures on old Greek Life; History of Greek Art, text-book and lectures. Junior and Senior elective. *Both terms, two hours.*

5. Modern Greek: Rangabé's Handbook; Bikéla's Stories; Newspapers. Junior and Senior elective. *Spring term, two hours.*

6. Homer, rapid reading of the entire Odyssey. Junior and Senior elective. *Both terms, two hours.*

7. Greek Drama: Euripides, Iphigenia among the Taurians; Sophocles, Antigone; Aeschylus, Prometheus Bound; Aristophanes, Frogs; Aristotle, Poetics. Junior and Senior elective. *Both terms, three hours.*

9. Demosthenes, three Philippics. Junior and Senior elective. *Spring term, two hours.*

10. Plato, Phaedo. Junior and Senior elective. *Fall term, three hours.*

14. The Acts of the Apostles; translation, comparison of versions, and a study of New Testament grammar and diction. Junior and Senior elective. *Fall term, two hours.*

For courses 8, 11, and 12, see *Graduate Department.*
A certificate is granted to a student who has completed with credit courses 1, 2, and 3, and four hours of elective work.

## LATIN.

GEORGE HOWE, PH.D., *Professor of the Latin Language and Literature.*
THOMAS JAMES WILSON, JR., PH.D., *Associate Professor of Latin.*
WILLIAM HENRY LEE MANN, *Assistant in Latin.*

Professor HOWE, Associate Professor WILSON, and Mr. MANN.

1. Cicero, De Senectute and De Amicitia; Livy, Book I.; Horace, Odes and Epodes. Required of Freshmen in Group 1, elective in Group 2. *Both terms, four hours.*

Associate Professor WILSON.

2. Horace, Satires and Epistles; Plautus, Captivi; Terence, Phormio; Tacitus, Agricola, and Germania. Sophomore elective in Groups 1 and 2. *Both terms, three hours.*

3. Latin Prose Composition, based on Cicero and Livy; intended as supplementary to Latin 1. Open to students who are taking Latin 1 or 2. *Both terms, one hour.*

5. Pliny, selected Letters; Juvenal, Satires; Martial, selected Epigrams; reading with special reference to the private life of the Romans at the close of the first century A.D. Junior and Senior elective. *Both terms, two hours.*

To be omitted in 1906-1907.

6. Cicero: rapid reading of the philosophical works, De Officiis and Tusculan Disputations, and of the rhetorical works, Brutus and De Oratore. Junior and Senior elective. *Both terms, two hours.*

10. A course for teachers, embracing pronunciation, prosody, the art of reading Latin, and a classification of moods and tenses. Junior and Senior elective. *Both terms, two hours.*

Professor HOWE.

4. Lucretius, De Rerum Natura; Seneca, moral essays: a comparative study of the Epicurean and Stoic schools of philosophy. Junior and Senior elective. *Both terms, two hours.*

7. The Administration of Rome; lectures. Junior and Senior elective, open also to Sophomores who are taking Latin 2. *Fall term, two hours.*

To be omitted in 1906-1907.

7A. The private life of the Romans: lectures. Junior and Senior elective, open also to Sophomores who are taking Latin 2. *Fall term, two hours.*

8. History of Roman Literature; lectures. Junior and Senior elective, open also to Sophomores who are taking Latin 2. *Spring term, two hours.*

9. Roman elegiac poets: a detailed study of the lives of Catullus, Tibullus, Propertius, and Ovid, with rapid reading of selected elegies. Junior and Senior elective. *Both terms, three hours.*

To be omitted in 1906-1907.

For courses 11, 12, see *Graduate Department.*
A certificate is granted to a student who has completed with credit courses 1, 2, and 3, and five hours of elective work.

## GERMANIC LANGUAGES.

WALTER DALLAM TOY, A.M., *Professor of the Germanic Languages and Literatures.*

LOUIS ROUND WILSON, PH.D., *Assistant in German,*

FRANK MCLEAN, A.B., *Assistant in German.*

Professor Toy, Dr. Wilson, and Mr. McLean.

1. Elementary Course: grammar, written exercises, translation, sight reading, dictation. Freshman elective in Group 2; required of Sophomores in Group 1, elective in Group 2 of Course I. in Department of Applied Sciences; elective in Groups 1 and 2 in Academic Department. *Both terms, three hours.*

Professor Toy.

2. Advanced Course: translation, sight reading, composition, grammar. Freshman and Sophomore elective in Groups 2 and 3 in Academic Department, and in Course I. in Department of Applied Sciences. *Both terms, three hours.*

3. Schiller: Maria Stuart, Wallenstein's Tod; Goethe: Egmont, Iphigenie auf Tauris; Lessing: Minna von Barnhelm; lectures on German Literature. Junior and Senior elective, open also to Sophomores who have taken German 2. *Both terms, three hours.*

7. Goethe: Goetz von Berlichingen, Tasso, Dichtung und Wahrheit, Gedichte, Faust. Junior and Senior elective; prerequisite, German 3. *Both terms, three hours.*

4. Middle High German: Paul's Mittelhochdeutsche Grammatik; Bachmann's Mittelhochdeutsches Lesebuch; translation into New High German. Junior and Senior elective; prerequisite. German 3. *Both terms, three hours.*

   To be omitted in 1906-1907.

5. Old High German: Braune's Althochdeutsche Grammatik; Braune's Althochdeutsches Lesebuch. Junior and Senior elective; prerequisite, German 3. *Both terms, three hours.*

   This course alternates with course 6.

6. Gothic: Braune's Gotische Grammatik; Heyne's Ulfilas; Introduction to German Philology. Junior and Senior elective; prerequisite, German 3. *Both terms, three hours.*

A certificate is granted to a student who has completed with credit courses 1, 2, and 3.

## ROMANCE LANGUAGES.

JAMES DOWDEN BRUNER, PH.D., *Associate Professor of the Romance Languages and Literatures.*

THOMAS BRAGG HIGDON, A.B., *Assistant in French.*

NEWMAN ALEXANDER TOWNSEND, PH.B., *Assistant in French.*

### French.

Messrs. HIGDON and TOWNSEND.

1. Elementary Course: grammar; pronunciation; written exercises; rapid reading of easy prose; reading at sight. Freshman elective in Group 2; Sophomore elective in Groups 1 and 2 in Academic Department, and in Group 2 of Course I. in Department of Applied Sciences. *Both terms, three hours.*

Associate Professor BRUNER and Mr. HIGDON.

2. The History of French Literature in the Nineteenth Century; rapid reading of representative novels and dramas; collateral reading. Freshman and Sophomore elective in Groups 2 and 3 in Academic Department, and in Course I. in Department of Applied Sciences. *Both terms, three hours.*

Associate Professor BRUNER.

3. The History and Theory of French Tragedy; rapid reading of the tragedies of Corneille, Racine, Voltaire, and Victor Hugo; constant reference, for purposes of comparison, to other great tragedies, both ancient and modern; lectures and discussions. Junior and Senior elective, open also to Sophomores who have taken French 2. *Both terms, three hours.*

4. The History and Theory of French Comedy; rapid reading of the comedies of Moliere, Regnard, Marivaux, and Beaumarchais; constant reference, for purposes of comparison, to other great comedies, both ancient and modern; lectures and discussions. Junior and Senior elective, open also to Sophomores who have taken French 2. *Both terms, three hours.*

5. Old French Language and Literature, with special reference to the

French element in English; rapid reading of Old French texts; lectures on the history of French sounds and inflections. Junior and Senior elective; prerequisite, French 2 and 3 or 4. *Both terms, two hours.*

A certificate is granted to a student who has completed with credit courses 1, 2, and 3 or 4 or 5.

### Spanish.

Associate Professor BRUNER.

1. Elementary Course: grammar; pronunciation; written exercises; rapid reading of prose; reading at sight. Freshman elective in Group 3; Junior and Senior elective. *Both terms, three hours.*

### Italian.

Associate Professor BRUNER.

1. Elementary Course: grammar; pronunciation; reading of easy prose; reading and interpretation of Dante's Divine Comedy, partly in the original and partly in English. Junior and Senior elective. *Both terms, three hours.*

To be omitted in 1906-1907.

## ENGLISH.

THOMAS HUME, D.D., LL.D., *Professor of English Literature.*

CHARLES ALPHONSO SMITH, PH.D., LL.D., *Professor of the English Language.*

EDWARD KIDDER GRAHAM, A.M., *Associate Professor of the English Language.*

GEORGE MCFARLAND MCKIE, *Instructor in Public Speaking and in English.*

FRANK MCLEAN, A.B., *Instructor in English.*

## English Language.

Messrs. McKie and McLean.

1. Composition and Rhetoric: theme writing; rhetoric; specimens of prose composition. Required of Freshmen. *Both terms, three hours.*

Associate Professor Graham.

2. Composition and English Literature: expository theme writing; Pancoast's *Standard English Poems and Prose*, Palgrave's *Golden Treasury*, and specimens. Required of Sophomores. *Both terms, three hours.*

3. Advanced Prose Composition: description, exposition, argumentation, and narration; lectures; weekly themes; criticism of representative selections. Junior and Senior elective, also open to specially qualified Sophomores. *Both terms, two hours.*

Professor Smith.

4. (*a*) Essays, (*b*) Short Stories, and (*c*) Orations: lectures on the essay, the short story, and the oration as forms of discourse; representative essays, short stories, and orations read and analyzed; construction of essays, short stories, and orations. (*a*) Lobban's *English Essays*, Bronson's *English Essays*. (*b*) Cody's *The World's Greatest Short Stories*, Nettleton's *Specimens of the Short Story*. (*c*) Ringwalt's *Modern American Oratory*, Frink's *New Century Speaker*, Swift's *Great Debate Between Hayne and Webster*, George's *Burke's Speeches on the American War*, George's *Select Speeches of Webster*. Required of Seniors in Department of Applied Sciences in Courses II., III., and IV.; Junior and Senior elective in Academic Department. *Both terms, three hours.*

6. Introductory Course in (*a*) Old English, (*b*) Middle English, and (*c*) English Philology. (*a*) Smith's *Old English Grammar and Exercise Book* (4th edition). (*b*) Mather's edition of *Chaucer's Prologue, Knight's Tale*, and *Nun's Priest's Tale*, Morris and Skeat's *Specimens of Early English* (Part II.). (*c*) Lectures on the beginnings of English Philology; Grimm's Law, Verner's Law, and the Law of Analogy. Junior and Senior elective. *Both terms, three hours.*

14. Fifteenth Century English, Prose and Verse. Skeat's *Specimens of English Literature from A.D. 1394 to 1579* (first hundred pages), Mead's *Selections from Sir Thomas Malory's Morte d'Arthur*, Baldwin's *Inflections and Syntax of the Morte d'Arthur*, Browne's edition of *The Taill of Rauf Coilyear*, Gummere's *Old English Ballads*, and Pollard's *English Miracle Plays*. The lectures will discuss the place of the fifteenth century in literary history, the influence of the Scotch dialect, and the changes that the language underwent between Chaucer and Spenser. Junior and Senior elective, open to those who are taking or have taken course 6. *Both terms, two hours.*

For courses 7 and 12, see *Graduate Department.*

### English Literature.

Professor HUME.

5. Shakspere. Senior elective. *Both terms, two hours.*

9. The Rise and Progress of the Drama from the Miracle Plays to Shakspere. Senior elective. *Both terms, two hours.*
To be omitted in 1906-1907.

11. The Literary Study of the Bible: critical survey of Job, the Psalms, Proverbs, Ecclesiastes, Isaiah; influence of the Bible on literary development and form. Senior elective. *Both terms, two hours.*

13. The Development of Fiction from the Greek Romances to Scott; Eighteenth Century Romanticism. Senior elective. *Both terms, two hours.*

Professor SMITH.

15. A comparative study of Tennyson and Browning: a study of Browning's complete works, with Tennyson as parallel reading; critical essays, lectures, and reports on sources and bibliography. Senior elective. *Both terms, two hours.*

Associate Professor GRAHAM.

16. English Poetry in the First Half of the Nineteenth Century. The works of Wordsworth, Coleridge, Scott, Byron, Shelly, and Keats will form the subject matter for this course. The method pursued

will be a combination of lectures, recitations, and written reports. Junior and Senior elective. *Both terms, two hours.*

For courses 8 and 10, see *Graduate Department.*
A certificate is granted to a student who has completed with credit courses 1-6, and one additional elective course.

### Public Speaking.

Mr. McKie.

1. Declamation: theory and practice; voice culture and gesture. Freshman and Sophomore optional; Junior and Senior elective. *Both terms, two hours.*
2. Theory of debate; argumentation; analysis of debates; preparation of briefs; practice in debating. Sophomore optional; Junior and Senior elective; prerequisite, Expression 1. *Both terms, two hours.*

## PHILOSOPHY.

Henry Horace Williams, A.M., B.D., *Professor of Philosophy.*

1. Psychology; lectures, with text-books. Junior and Senior elective. *Both terms, three hours.*
2. Logic; lectures, with text-books; the study of logic in life. Junior and Senior elective. *Both terms, two hours.*
3. Ethics; criticisms and discussions. Junior and Senior elective. *Both terms, two hours.*
4. Philosophy; lectures; theses; a study of the forces that shape life. Junior and Senior elective. *Both terms, three hours.*

For course 5, see *Graduate Department.*

## HISTORY.

Kemp Plummer Battle, LL.D., *Alumni Professor of History.*
Charles Lee Raper, Ph.D., *Associate Professor of History.*
Marcus Cicero Stephens Noble, *Professor of Pedagogy.*

Professor NOBLE.

1. American History: a general course; text and source-book. Freshman elective in Groups 2 and 3. *Both terms, three hours.*

Associate Professor RAPER.

2. Mediæval European History: a general course covering the period 400-1648; text-books, readings, and lectures. Junior and Senior elective. *Both terms, three hours.*

3. English History: a general course; text and source-books, supplemented by readings. Junior and Senior elective. *Both terms, three hours.*

4. Modern European History: a general course covering the period 1648-1900; text-books, readings, and lectures. Junior and Senior elective. *Both terms, two hours.*

Professor BATTLE.

5. English Constitutional History: a general course dealing largely with the constitutional and legal aspects. Junior and Senior elective. *Both terms, three hours.*

6. North Carolina History: the political and constitutional development of the Colony and the State; lectures; theses on assigned topics. Junior and Senior elective. *Both terms, two hours.*

7. Constitutional History: a general survey of the history and principles of the constitutions of the leading nations, ancient and modern; a special study of the Constitution of the United States, with the principal judicial decisions thereon; lectures on the leading principles of International Law. Junior and Senior elective. *Both terms, three hours.*

8. Bible History; lectures each Sunday morning at the instance of the Young Men's Christian Association. (*a*) Old Testament Characters. (*b*) New Testament Characters. Not counted for a degree.

9. Historical Seminary: original research in the history of the United States and of North Carolina during the national and state period; weekly reports. Senior elective; prerequisite, eight hours in History. *Both terms, two hours.*

Associate Professor RAPER.

10. American Colonial History; lectures and research in the history of

the English Colonies in North America. Senior elective; prerequisite, eight hours in History. *Both terms, two hours.*

A certificate is granted to a student who has completed with credit thirteen hours in History.

For courses 11, 13, and 14, see *Graduate Department.*

## ECONOMICS AND FINANCE.

CHARLES LEE RAPER, PH.D., *Associate Professor of Economics.*

1. A general study of the production and consumption of wealth; a special study of land, labor, capital, and organization as factors in the production of wealth; lectures and readings. Marshall's *Principles of Economics.* Junior and Senior elective. *Both terms, two hours.*

2. Public Finance: a general study of the principles of the expenditures and revenues of the State, and of the relation of the State to industries; a special study of taxation and the tariff; lectures and readings. Adams's *Science of Finance.* Junior and Senior elective. *Both terms, two hours.*

3. The History of Industrial Life in England and the United States; lectures, readings, and reports. Senior elective. *Both terms, two hours.*

4. Money and Banking: a general course in the principles, functions, and forms of money and banking; a special study of current monetary problems; lectures and readings. Scott's *Money and Banking*; Dunbar's *Theory and History of Banking* (2nd edition). Junior and Senior elective. *Both terms, two hours.*

5. Transportation: a general study of the principles and forms of the modern system of transportation; a special study of the American railway system, its prices, and its influence upon industrial life; lectures and readings. Johnson's *American Railway Transportation* (revised edition). Junior and Senior elective. *Fall term, two hours.*

6. Labor: labor as a factor in the production of wealth; wages; labor problems; labor unions; labor legislation; lectures and readings.

Adams and Sumner's *Labor Problems*. Junior and Senior elective. *Spring term, two hours.*

The Economics Society meets monthly for the discussion of important current industrial questions.

A certificate is granted to a student who has completed with credit courses 1–6.

## MATHEMATICS.

WILLIAM CAIN, C.E., *Professor of Mathematics.*
ARCHIBALD HENDERSON, PH.D., *Associate Professor of Mathematics.*
THOMAS FELIX HICKERSON, PH.B., *Instructor in Mathematics.*
NATHANIEL CORTLANDT CURTIS, PH.B., S.B., *Instructor in Drawing.*
ROBERT HENRY MCLAIN, *Assistant in Mathematics.*

Associate Professor HENDERSON and Messrs. HICKERSON and MCLAIN.

1. Algebra, from Quadratics to Determinants (Fisher and Schwatt's *Quadratics and Beyond*); Geometry from Book IV. through Solid Geometry (Wells's *Essentials*); Plane Trigonometry and Logarithms (Ashton and Marsh's *Trigonometry*). Required of Freshmen. *Both terms, four hours.*

Professor CAIN.

2. Brief Course in Conic Sections (Ashton's *Analytic Geometry*); Elementary Course in Differential and Integral Calculus (Cain's *Brief Course in the Calculus*). Required of Sophomores in Department of Applied Sciences, and in Group 3 in Academic Department; Sophomore elective in Groups 1 and 2 in Academic Department. *Both terms, three hours.*

Mr. HICKERSON.

3. Elementary Mechanics (Loney); Surveying (Raymond). Required of Sophomores in Course III. and of Juniors in Courses II. and IV. in Department of Applied Sciences; Junior and Senior elective in Academic Department. *Both terms, three hours.*

3A. Higher Algebra. Junior and Senior elective, open also to Sophomores; prerequisite, Mathematics 1. *Both terms, three hours.*

Mr. CURTIS.

3B. Graphics: Descriptive Geometry, Shades, Shadows, and Perspective. Junior study required in Course III. in Department of Applied Sciences; Junior and Senior elective in Academic Department. *Both terms, two hours.*

Professor CAIN.

4. Calculus, Analytic Mechanics. Required of Juniors in Courses III. and IV., and elective in Course II. in Department of Applied Sciences; Junior and Senior elective in Academic Department; prerequisite, Mathematics 2. *Both terms, three hours.*

5. Theory of Equations (Burnside and Panton). Junior and Senior elective; prerequisite, Mathematics 2. *Both terms, three hours.* To be omitted in 1906-1907.

Associate Professor HENDERSON.

6. Differential Equations (Murray). Senior elective; prerequisite, Mathematics 4. *Both terms, three hours.*

7. Higher Surveying and Railroad Engineering. Required of Juniors in Course III. in Department of Applied Sciences; Senior elective; prerequisite, Mathematics 3. *Both terms, three hours.*

7A. Hydraulics, Sanitary Engineering. Required of Seniors in Course III. in Department of Applied Sciences; Senior elective; prerequisite, Mathematics 4. *Both terms, two hours.*

Professor CAIN.

8. Mechanics of Materials. Required of Seniors in Course III. in Department of Applied Sciences; Senior elective; prerequisite, Mathematics 4. *Both terms, three hours.*

10. Stresses in Bridges and Roof Trusses, Graphical Statics. Required of Seniors in Course III. in Department of Applied Sciences; Senior elective; prerequisite, Mathematics 4. *Both terms, three hours.*

For courses 12, 13, 14, 15, 16, see *Graduate Department.*

### Drawing and Architecture.

Mr. CURTIS.

1. Freehand Drawing. Required of Sophomores in Course III. and of

Juniors in Courses I., II., and IV. in Department of Applied Sciences; optional in Academic Department. *Both terms, two hours.*

2. Mechanical and Topographical Drawing. Required of Juniors in Course III., and of Seniors in Courses II. and IV. in Department of Applied Sciences; optional in Academic Department. *Both terms, two hours.*
3. Mechanical Drawing. Optional. *Both terms, two hours.*
4. Elements of Architecture. Optional. *Both terms, two hours.*
5. Advanced Freehand Drawing. Optional. *Both terms, two hours.*
6. Theory of Perspective. Optional. *Spring term, two hours.*

## PHYSICS.

JOSHUA WALKER GORE, C.E., *Professor of Physics.*
JAMES EDWARD LATTA, A.M., *Associate Professor of Physics.*
JULIAN COLGATE HINES, JR., B.S., *Assistant in Physics.*

Professor GORE.

A. Elementary Physics; lectures, with text-book; weekly written reviews. Can be counted only for entrance to Groups 2 and 3; open also to students in Departments of Medicine and Pharmacy. *Both terms, three hours.*

1. General Physics; lectures with text-book; problems; laboratory work. Required of Sophomores in Department of Applied Sciences, and in Group 3 in Academic Department; Sophomore elective in Groups 1 and 2 in Academic Department; prerequisite, Mathematics 1. *Both terms, three hours.*
2. Advanced General Physics; lectures, recitations, and problem work. Junior and Senior elective; prerequisite, Physics 1 and Mathematics 2. *Fall term, two hours.*
4. General Study of Electricity and Magnetism, with laboratory work. Required of Sophomores in Course III., in Department of Applied Sciences; Junior and Senior elective in Academic Department; prerequisite, Physics 1. *Both terms, two hours.*

4A. Electromagnetic Apparatus; direct current dynamos and motors; elementary study of alternating current machinery; testing and study of typical forms in the laboratory. Required of Juniors in Course II. in Department of Applied Sciences; Junior and Senior elective in Academic Department; prerequisite, Physics 1 and 4. *Both terms, two hours.*

5. Descriptive Astronomy: a general course; lectures and recitations; Junior and Senior elective; prerequisite, Physics 1. *Both terms, two hours.*

Associate Professor LATTA.

6. Thermodynamics. This study is based on Edser's *Heat for Advanced Students*, Ewing's *The Steam Engine and Other Heat Engines*, and Peabody's *Thermodynamics of the Steam Engine*. Required of Juniors in Courses II. and IV. in Department of Applied Sciences; Junior and Senior elective in Academic Department; prerequisite, Physics 1 and Mathematics 2. *Both terms, three hours.*

7. Alternating Currents and Alternating Current Machinery; lectures and problem work; testing and study of alternating current machines in the laboratory. Text-books: Franklin and Williamson's *Alternating Currents and Alternating Current Machinery*, and Bedell and Crehore's *Alternating Currents*. Required of Seniors in Course II. in Department of Applied Sciences; Senior elective in Academic Department; prerequisite, Physics 1 and 4A. *Both terms, four hours.*

8. Primary and Secondary Batteries; Electric Lighting. Senior study required in Course II. in Department of Applied Sciences; Junior and Senior elective in Academic Department; prerequisite, Physics 1 and Chemistry 1. *Fall term, two hours.*

10. Electric Wiring and Distribution: a study of circuits for light and power. Required of Seniors in Course II. in Department of Applied Sciences; Senior elective in Academic Department; prerequisite, fall term of Physics 7. *Spring term, three hours.*

For courses for graduates, see *Graduate Department.*

## CHEMISTRY.

CHARLES HOLMES HERTY, PH.D., *Smith Professor of General and Industrial Chemistry.*

ALVIN SAWYER WHEELER, PH.D., *Associate Professor of Organic Chemistry.*

*JAMES EDWARD MILLS, PH.D., *Associate Professor of Chemistry.*

ROYALL OSCAR EUGENE DAVIS, PH.D., *Instructor in Physical Chemistry.*

EDGAR EUGENE RANDOLPH, A.B., *Assistant in Chemistry.*

RISDEN TYLER ALLEN, *Assistant in Chemistry.*

GEORGE ANDERSON JOHNSTON, B.S., *Assistant in Chemistry.*

HAMPDEN HILL, *Assistant in Chemistry.*

Professor HERTY and Dr. DAVIS.

1. General Descriptive Chemistry: a study of the elements and their compounds, including an introduction to Organic Chemistry; lectures with laboratory work. Required of Sophomores in Department of Applied Sciences, and in Group 3 in Academic Department, elective in Groups 1 and 2 in Academic Department. *Both terms, three hours.*

Professor HERTY.

2. Technical Chemistry. (a) Industrial and Agricultural Chemistry; glass-making, acids, alkalies, phosphates, fertilizers, foods, clothing, hygiene, etc. (b) Metallurgy: mining, treatment of ores, smelting, chlorination, fuel, building materials, etc. Required of Juniors in Course I., and of Seniors in Courses II. and IV. in Department of Applied Sciences; Junior and Senior elective in Academic Department; prerequisite, Chemistry 1. *Both terms, three hours.*

Associate Professor WHEELER, Messrs. RANDOLPH and ALLEN.

3. Qualitative Analysis; laboratory work with lectures. May be taken with Chemistry 1. Required of Sophomores in Courses I., II., and IV. in Department of Applied Sciences; Junior and Senior elective in Academic Department. *Both terms, three hours.*

* Absent on leave 1905-1906.

Dr. Davis.

4. Quantitative Analysis and Assaying; laboratory work, lectures, and stoichiometric exercises; a grounding in analytical methods. Required of Juniors in Course I., and of Seniors in Course IV.; Junior and Senior elective in Academic Department; prerequisite, Chemistry 1 and 3. *Both terms, three hours.*

Associate Professor Wheeler.

5. Organic Chemistry. Required of Seniors in Course I. in Department of Applied Sciences; Junior and Senior elective in Academic Department; prerequisite, Chemistry 1 and 3. *Both terms: lectures, two hours; laboratory, one to three hours.*

Professor Herty.

6. The Theories of Chemistry. Required of Seniors in Course I. in Department of Applied Sciences; Senior elective in Academic Department; prerequisite, Chemistry 1, 3, 4, 5. *Both terms, two hours.*

Dr. Davis.

7. Physical Chemistry; lectures and text-books, with laboratory work. Senior elective in Course I. in Department of Applied Sciences, and in Academic Department; prerequisite, Chemistry 1 to 5 inclusive. *Both terms, two hours.*

7A. Electro-Chemistry: theory and application of electricity to chemical processes. Senior elective in Course I. in Department of Applied Sciences, and in Academic Department; prerequisite, Chemistry 1 to 5 inclusive. *Both terms, two hours.*

Professor Herty.

8. Quantitative Analysis; laboratory work; gas analysis and extension of course 4 in technical lines; bacteriological examination of water (with Professor Manning); research. Required of Seniors in Course I. in Department of Applied Sciences; Senior elective in Academic Department; prerequisite, Chemistry 1, 3, and 4. *Both terms, five hours.*

The Journal Club meets bi-weekly. The current journals, American, English, German, and French, both the purely scientific and the technical, are reviewed by the students and instructors. Attendance is expected of students in all courses except 1 and 3.

For courses 9 and 10, see *Department of Medicine* and *Department of Pharmacy*.
For courses 11, 12, 13, 14, and 15, see *Graduate Department*.

## BIOLOGY.

HENRY VAN PETERS WILSON, PH.D., *Professor of Zoology*.
WILLIAM CHAMBERS COKER, PH.D., *Associate Professor of Botany*.
WILLIAM HERBERT KIBLER, *Assistant in Zoology*.
BENJAMIN FRANKLIN ROYAL, *Assistant in Zoology*.
THEOPHILUS PARKER CHESHIRE, *Assistant in Zoology*.
HUGH WHITE MCCAIN, *Assistant in Botany*.

Professor WILSON and Assistants.

1. General Zoology: an introductory course giving an outline of the classification and structure of animals, with consideration of the fundamentals of histology, embryology, and physiology, and some consideration of biological theories; lectures with laboratory work. Junior and Senior elective, open also to Sophomores in Group 3, and to First Year medical students. *Both terms, three hours.*

2. Comparative Anatomy and Embryology of the Vertebrates; study of types of fishes, amphibia, reptiles, birds, mammals; development of the characteristic vertebrate organs in the frog and chick; fundamentals of microscopic technique; laboratory work with occasional lectures. Junior and Senior elective. *Both terms, three hours.*

3. Comparative Anatomy and Embryology of the Invertebrates: dissection and microscopic study of types of the chief orders, with some consideration of their embryology; laboratory work with occasional lectures. Junior and Senior elective. *Both terms, three hours.*

A certificate is granted to a student who has completed with credit courses 1, 2, and 3, and Botany 1.
For courses for graduates, see *Graduate Department*.

### Botany.

Associate Professor COKER and Mr. MCCAIN.

1. General Botany: an introduction to the structure and classification of

plants; lectures with laboratory work. Junior and Senior elective, open also to Sophomores in Group 3. *Both terms, three hours.*

2. Special Morphology of the mosses, ferns, and higher plants, with particular consideration of homologies; lectures with laboratory and field work. Junior and Senior elective. *Both terms, three hours.*

3. Special Morphology of the Algae and Fungi, with attention to the culture of lower fungi, and the identification of mushrooms; lectures with laboratory and field work. Junior and Senior elective. *Both terms, three hours.*

## GEOLOGY AND MINERALOGY.

Collier Cobb, A.M., *Professor of Geology and Mineralogy.*

Joseph Austin Holmes, S.B., *State Geologist and Professor of Mining Geology.*

Joseph Hyde Pratt, Ph.D., *Professor of Economic Geology.*

Edwin Bedfor Jeffress, *Assistant in Geology.*

Bennett Hester Perry, *Assistant in Geology.*

Professor Cobb and Messrs. Jeffress and Perry.

1. Elementary Geology; lectures with field work; laboratory work on the common minerals and rocks. Freshman elective in Group 3. *Both terms, three hours.*

2. Mineralogy; lectures with laboratory and field work; Crosby's *Tables* and Dana's *Text-book of Mineralogy.* Required of Juniors in Course IV. and of Seniors in Course I. in Department of Applied Sciences; Junior and Senior elective in Academic Department *Both terms, two hours.*

3. General Critical Geology; lectures with field work; laboratory work on rocks and fossils; theses. Required of Sophomores in Course IV. and of Juniors in Course III. in Department of Applied Sciences; Junior and Senior elective, open also to Sophomores in Group 3 in Academic Department. *Both terms, three hours.*

4. Economic Geology: ore deposits, economic minerals, soils, water supply; lectures with laboratory and field work. Required of Seniors

in Course IV. in Department of Applied Sciences; Junior and Senior elective in Academic Department; prerequisite, Geology 1 or 3 and Chemistry 1 and 3. *Both terms, three hours.*

5. Petrography; lectures, laboratory work, and theses. Junior and Senior elective; prerequisite, Geology 1 or 3. *Both terms, two hours.*

6. Advanced field work and special research in Geology or Geography; problems and work adapted to the professional needs of the student. Required of Seniors in Course IV. in Department of Applied Sciences; Senior elective in Academic Department; prerequisite, Geology 2 and 3. *Both terms, three hours.*

8. Origin and Nature of Soils; field work, laboratory work, and theses. Junior and Senior elective. *Both terms, three hours.*

Professor HOLMES.

9. Economic Geology of North Carolina. In these lectures the economic geology of other portions of the Southern Appalachian region is also discussed.

10. Mining in the Southern Appalachian Region. These lectures include a discussion of gold, silver, coal, and iron mining.

As supplementary to courses 9 and 10 students are expected to visit the mining regions described.

Professor PRATT.

11. Mineral and Ore Deposits; lectures supplemented by laboratory and field work. *Twenty-four lectures (spring term).*

12. Principles and Practice in General Mining; lectures supplemented by visits to different mining regions.

Professor COBB.

13. Advanced Geological Field Work and Special Research; studies in the Deep River areas of the triassic and Wadesboro rocks; a brief examination of the Potomac, Eocene, Lafayette, and Columbia deposits. This course is given in the summer. It covers five weeks, of which one is spent in Chapel Hill with daily meetings; the remaining four weeks are devoted to field work. Students who take this course will be expected to devote all their time to it. Junior and Senior elective. *One term, three hours.*

The Geological Seminary meets fortnightly for review and discussion of current geological literature, and for the presentation of original papers.

For course 7, see *Graduate Department*.

### Course in Soil Investigation.

1. Agricultural Soils. An elementary course covering the nature, origin, and classification of soils, based on G. P. Merrill's *Rocks, Rock Weathering and Soils*, F. H. King's *The Soil*, and reports and bulletins of the Bureau of Soils, U. S. Department of Agriculture; lectures, reading, field and laboratory work. Open to Juniors and Seniors in the Department of Applied Sciences. *Fall term, three hours.*
2. Soils of the United States: an introductory study of the chief soil provinces, soil series, and soil areas of the United States, with special reference to the soils of North Carolina. Open only to Graduates. *Spring term, two hours.*
3. Soil Mapping. Preparation of large scale soil maps of the Chapel Hill region. Optional in Department of Applied Sciences.
4. Soil Summary. Study of soil literature with preparation of reports on selected subjects. Open to students engaged in soil work. *One evening each week during February and March.*

## PEDAGOGY.

MARCUS CICERO STEPHENS NOBLE, *Professor of Pedagogy.*

1. The Science of Education: the practical application of scientific principles to the teaching of elementary branches; a brief study of modern educational problems; preparation of model lessons according to pedagogical principles; theses; De Garmo's *Essentials of Method*. Junior and Senior elective, open only to those who intend to teach (not counted for a degree unless Pedagogy 2 is also taken). *Fall term, three hours.*

2. The Art of Teaching: a careful study of the principles and methods involved in successfully teaching those studies usually taught in the best public and private primary schools; theses; McMurray's *General Method*. Junior and Senior elective, open only to those who intend to teach; prerequisite, Pedagogy 1. *Spring term, three hours.*

3. The Philosophy of Education; Science and Practice of Education (Herbart); comparative study of the different systems of education in the several States of the Union; the development and arrangement of a High School course; theses; Junior and Senior elective. *Fall term, three hours.*

4. The General History of Education; the development of educational ideals in the past; the effect of the pedagogical doctrines of the great educators of the past upon modern educational systems; theses; Seeley's *History of Education*, Monroe's *Educational Ideal*. Junior and Senior elective. *Spring term, three hours.*

5. The study of childhood in transforming modern methods of studying and teaching educational science; theses. Junior and Senior elective. *Fall term, two hours.*

6. Historical Pedagogy. The attempt is made in this course to investigate the Herbartian movement in Germany and the United States. The works of Rein, Story, Ziller, Lange, and others are studied. Theses. Junior and Senior elective. *Spring term, two hours.*

A certificate is granted to a student who has completed with credit courses 1–6 inclusive.
For course 7, see *Graduate Department.*

### School Organization.

NATHAN WILSON WALKER, A.B., *Professor of School Organization.*

1. High School Organization: a study of high school curricula and methods. Open to teachers. *Fall term, two hours.*

2. A study of present-day forces in American education, with special attention to the educational problems and conditions in the Southern States. Open to teachers. *Spring term, two hours.*

# THE GRADUATE DEPARTMENT.

## COMMITTEE.

FRANCIS PRESTON VENABLE, PH.D., D.SC., LL.D., PRESIDENT.
CHARLES ALPHONSO SMITH, PH.D., LL.D., DEAN.
JOSHUA WALKER GORE, C.E.
EBEN ALEXANDER, PH.D., LL.D.
WALTER DALLAM TOY, M.A.

## CANDIDATES FOR GRADUATE WORK.

Graduates of the University of North Carolina and of other universities and colleges of good standing are, on application to the President or Dean, ordinarily admitted to advanced courses of instruction, free of charge for tuition. There is, however, a registration fee of ten dollars. An applicant for admission, unless a graduate of the University of North Carolina, is required to present his diploma and a certificate of scholarship and character. If in any department the preliminary training of candidates has not been sufficient to qualify them for strictly graduate work, they will be required to take such undergraduate courses as may be prescribed by the head of the department; but these courses will not be counted for hours in work leading to a graduate degree.

Students who are not graduates may, if they prove themselves qualified, take graduate courses; but no graduate degree will be given to a student who does not already hold a Bachelor's degree from some institution of approved standing.

All courses must be approved by the President or Dean.

## DEGREES.

The University offers to graduate students advanced work leading to the degrees of Master of Arts (A.M.), Master of Science (S.M.), and Doctor of Philosophy (Ph.D.).

### Master of Arts.

Candidates for the degree of Master of Arts may be either resident or non-resident, non-resident courses being given only to graduates of this University. The candidate in residence must complete satisfactorily one year of graduate work consisting of at least fifteen hours a week of recitations or lectures, eight hours of which must be taken from courses in the Graduate Department, the remaining seven from courses in the Graduate Department or from undergraduate courses open only to Juniors and Seniors. The candidate shall select one major subject and two minor subjects. The course as a whole must have unity and must be pursued with definite aim.

A thesis based on the major subject of study and showing capacity for original research, must be submitted on or before May 1 of the given year, and must be filed in typewritten form on or before May 15.

Candidates who have received the Bachelor's degree from the University of North Carolina may be recommended for the Master's degree after at least two years of study as non-resident students, the requirements being in all other respects the same as for resident students; and they must satisfy the Faculty by examinations and theses that they are worthy of recommendation for the degree. The work must be completed within the period of two years for which the registration is granted; otherwise a second registration fee must be paid at the expiration of two years. The fee for non-resident students is ten dollars.

### Master of Science.

The degree of Master of Science is conferred in the Department of Applied Sciences under conditions similar to those stated above for the degree of Master of Arts.

## Doctor of Philosophy.

A candidate for the degree of Doctor of Philosophy is required to pursue, in residence at the University, a prescribed course of advanced study and research in one major subject and two allied minor subjects. In general a term of three years is required, but the degree may be secured in two years in the case of exceptional preliminary training in the major subject.

These requirements of residence and study are, however, entirely secondary. The degree is conferred not simply for faithful study in a determinate field of work for a prescribed period, but because of a high attainment in a special branch of learning, which the candidate must have manifested not only in examination, but by a thesis which gives evidence of independent research, and contributes to knowledge. The candidate should choose his major subject in a department in which he has already pursued, for a considerable period, a systematic course of study. To receive this degree, a knowledge of French and German will be found indispensable in most instances. The thesis must be accepted before the candidate may be admitted to examination. The examinations are both written and oral. They demand a minute knowledge of a special field of work as well as a general acquaintance with the department of learning in which the candidate offers himself for a degree.

# COURSES OF INSTRUCTION.

## GREEK.

Professor ALEXANDER.

7. Greek Drama: Euripides, Iphigenia among the Taurians; Sophocles, Antigone; Aeschylus, Prometheus Bound; Aristophanes, Frogs; Aristotle, Poetics. *Both terms, three hours.*

8. Prose Composition, advanced course. *Fall term, two hours.*

11. Greek History: the selections from Greek historians in parts I. and II. of Baumeister's *Quellenbuch zur Alten Geschichte*. *Both terms, two hours.*

12. Bucolic Poetry: the Idyls of Theocritus, Bion, and Moschus. *Both terms, two hours.*

## LATIN.

Professor HOWE.

9. Roman elegiac poets: a detailed study of the lives of Catullus, Tibullus, Propertius, and Ovid, with rapid reading of selected elegies. *Both terms, two hours.*

11. The study of a particular author or period in Roman literature; practice in rapid reading, translating the more difficult passages only. *Both terms, two hours.*

Associate Professor WILSON.

5. Pliny, selected letters; Juvenal, Satires; Martial, selected Epigrams; reading with special reference to the private life of the Romans at the close of the first century A D. *Both terms, two hours.*

12. Lectures on comparative syntax of Greek and Latin; principles illustrated from Homer and Terence. *Both terms, two hours.*

## GERMANIC LANGUAGES.

Professor Toy.

5. Old High German: Braune's *Althochdeutsche Grammatik*; Braune's *Althochdeutsches Lesebuch*. This course alternates with German 6. *Both terms, three hours.*

6. Gothic: Braune's *Gotische Grammatik* and Heyne's *Ulfilas*. This course is intended to lay a foundation for the philological study of the Germanic dialects. The journals at the disposal of students of Germanic philology are mentioned below under the department of *English Language*, p. 64. *Both terms, three hours.*

7. Goethe: Goetz von Berlichingen, Tasso, Dichtung und Wahrheit, Gedichte, Faust. In connection with the interpretation of the texts, the life of Goethe will be studied. Selected chapters of Herman Grimm's *Vorlesungen*, Scherer's *History of German Literature*, and Francke's *History of German Literature* will be read. *Both terms, three hours.*

## FRENCH.

Associate Professor Bruner.

3. The History and Theory of French Tragedy; rapid reading of the tragedies of Corneille, Racine, Voltaire, and Victor Hugo; constant reference, for purposes of comparison, to other tragedies, both ancient and modern; lectures and discussions. *Both terms, three hours.*

4. The History and Theory of French Comedy; rapid reading of the comedies of Moliere, Regnard, Marivaux, and Beaumarchais; constant reference, for purposes of comparison, to other comedies, both ancient and modern; lectures and discussions. *Both terms, three hours.*

5. Old French Language and Literature, with special reference to the French element in English; rapid reading of Old French texts; lectures on the history of French sounds and inflections. *Both terms, two hours.*

## ENGLISH LANGUAGE.

The resources of the Graduate Department of the English Language have been greatly increased by the enlightened generosity of Mr. Eugene M Armfield, of High Point, N. C., an alumnus of this institution, who has put at the disposal of the Department the annual sum of three hundred dollars for the purchase of books, pamphlets, journals, and other special studies in advanced English.

Candidates for the degree of Doctor of Philosophy who elect advanced work in the English language as their major subject will be expected to take one or more courses in the Germanic languages. All graduate work in the English language presupposes English 6, or its equivalent, and a reading knowledge of German; but, in exceptional cases, English 6 and German 1 may be taken along with the English graduate courses.

Professor SMITH.

7. Advanced studies in (*a*) Old English and (*b*) Middle English. (*a*) Wyatt's or Heyne's *Beowulf*, Thomas Arnold's *Notes on Beowulf*, Förster's *Beowulf-Materialien*, and the discussion of the Beowulf Saga in volume III. of the *Grundriss der Germanischen Philologie*. (*b*) Skeat's edition of Chaucer's *Minor Poems* and *Legend of Good Women*, Book IV. in volume II. of Ten Brink's *History of English Literature*, with selected chapters from Lounsbury's *Studies in Chaucer*, and Ten Brink's *Language and Metre of Chaucer*. *Both terms, two hours.*

12. English Syntax. Problems in advanced grammar will be studied historically. The course will consist chiefly of lectures; Sweet's *Syntax* (volume II. of his *New English Grammar*), Kellner's *Historical Outlines of English Syntax*, Einenkel's *Syntax* (in volume I. of the *Grundriss der Germanischen Philologie*), and recent theses on questions of syntax. *Both terms, two hours.*

14. Fifteenth Century English, prose and verse. The lectures will discuss the place of the fifteenth century in literature, the influence of the Scotch dialect, and the changes that English underwent between Chaucer and Spenser; Skeat's *Specimens of English Literature from A.D. 1394 to 1579* (first hundred pages), Mead's *Selec-*

*tions from Sir Thomas Malory's Morte d'Arthur*, Browne's edition of *The Taill of Rauf Coilyear*, Gummere's *Old English Ballads*, Pollard's *English Miracle Plays*, and Pollard's *Fifteenth Century Prose and Verse*. *Both terms, two hours.*

Among the publications accessible to graduate students of English and German may be mentioned: *Anglia und Beiblatt, Englische Studien, Herrig's Archiv, Paul und Braune's Beitræge, Publications of the Modern Language Association of America, Modern Language Notes, Modern Language Quarterly* (London), *Dialect Notes, Publications of the Early English Text Society, Journal of English and German Philology.*

## ENGLISH LITERATURE.

Professor HUME.

8. Poetry and Criticism: a study of the art of poetry in general and of the principles of criticism. *Both terms, two hours.*

10. Dramatic Seminary: the language, metrical forms, sources of plot and incident, construction of plays, comparative study of Shakspere and other dramatists. *Both terms, two hours.*

13. The Development of Fiction from the Greek romances to Scott; Eighteenth Century Romanticism. *Both terms, two hours.*

## PHILOSOPHY.

Professor WILLIAMS.

5. Epistemology: a study of the Critical Philosophy; lectures; theses. First year: Prolegomena and Practical Reason and the works that prepared the way for Kant. Second year: *Kritik der reinen Vernunft*. *Both terms, three hours.*

## HISTORY.

Professor BATTLE.

9. Historical Seminary: original research in the history of the United States and of North Carolina during the national and state periods; weekly reports. *Both terms, two hours.*

11. The English Constitution: research in the history of the formation and development of the Constitution of England. *Both terms, two hours.*

13. The American Constitution: research in the history of the formation and development of the Constitution of the United States. *Both terms, two hours.*

14. American Politics: research in the history and development of the political parties in the United States, and their struggles in Congress and before the people. *Both terms, two hours.*

Associate Professor RAPER.

10. American Colonial History: lectures and research work in the history of the English Colonies in North America. *Both terms, two hours.*

## ECONOMICS.

Associate Professor RAPER.

3. The History of Industrial Life in England and in the United States; lectures, readings, and reports. *Both terms, two hours.*

## MATHEMATICS.

Professor CAIN.

4. Calculus; Analytic Mechanics; prerequisite, Mathematics 2. *Both terms, three hours.*

5. Theory of Equations (Burnside and Panton). *Both terms, three hours.* To be omitted in 1906-1907.

8. Mechanics of Materials; prerequisite, Mathematics 4. *Both terms, three hours.*

10. Stresses in Bridges and Roof Trusses; Graphical Statics; prerequisite, Mathematics 4. *Both terms, three hours.*

15. Advanced Differential and Integral Calculus (Byerly, Edwards); lectures. *Both terms, two hours.*

Associate Professor HENDERSON.

6. Differential Equations (Murray). *Both terms, three hours.*

7. Analytic Mechanics (Bowser). *Both terms, three hours.*

7A. Hydraulics (Merriman). *Both terms, three hours.*

## PHYSICS.

Associate Professor LATTA.

6. Thermodynamics. This study is based on Edser's *Heat for Advanced Students*, Ewing's *Steam Engines and other Heat Engines*, and Peabody's *Thermodynamics of the Steam Engine*; prerequisite, Physics 1 and Mathematics 2. *Both terms, three hours.*

7. Alternating Currents and Alternating Current Machinery; testing and study of alternating current machines in the laboratory; lectures and problem work. Text-books: Franklin and Williamson's *Alternating Currents* and Bedell and Crehore's *Alternating Currents*; prerequisite, Physics 1 and 4A. *Both terms, four hours.*

9. Electric Power Transmission. *Spring term, two hours.*

10. Electric Testing: experimental study of electromagnetic machinery and other apparatus; prerequisite, Physics 7. *Both terms, three hours.*

## CHEMISTRY.

Professor HERTY.

11. Research in Inorganic and Analytical Chemistry. This course (with 12 and 13) is intended only for applicants for the degree of Doctor of Philosophy or properly equipped students who desire special training in advanced chemical research. It requires, in addition to the laboratory work, daily conferences with the professor and continual reference to the literature touching the matter under investigation. The work is usually assigned by the professor, but by special permit the student may elect to work upon problems to which he wishes to give particular attention. *Both terms, six hours.*

Associate Professor WHEELER.

12. Research in Organic Chemistry. Many lines of investigation are

open in the cellulose field and other departments of Organic Chemistry. Investigations which have a bearing upon physiology may be undertaken, or the student may be guided in work of his own selection. *Both terms, six hours.*

Dr. DAVIS.

13. Research in Physical Chemistry. Acquaintance with the Calculus is required for this course. *Both terms, six hours.*

Professor HERTY.

14. Advanced Inorganic Chemistry. The elements are studied with the idea of showing the fundamental laws of Chemistry and the deepseated relations involved in and leading up to the Periodic System. Attention is also given to those portions of Inorganic Chemistry not usually dwelt upon in the regular courses. The applications of physico-chemical laws and generalizations are emphasized throughout the course. *Both terms, two hours.*

Associate Professor WHEELER.

15. Lectures and Seminary work in special chapters of Organic Chemistry. *Both terms, two hours.*

The *Journal Club* meets bi-weekly. The current journals, American, English, German, and French, purely scientific and technical, are reviewed by the students and instructors. Attendance upon the meetings of the Club is expected of all students taking the above courses.

## ZOOLOGY.

Professor WILSON.

2. Comparative Anatomy and Embryology of the Vertebrates; study of types of fishes, amphibia, reptiles, birds, mammals; development of the characteristic vertebrate organs in the frog and chick; fundamentals of microscopic technique; laboratory work with occasional lectures. *Both terms, three hours.*

3. Comparative Anatomy and Embryology of the Invertebrates; dissection and microscopic study of types of the chief orders, with some consideration of their embryology; laboratory work with occasional lectures. *Both terms, three hours.*

4. Animal Morphology: advanced zoological work, with detailed study

of problems in comparative anatomy or embryology; laboratory work with use of classical text-books and original memoirs; theses. *Both terms, five hours or more.*

## BOTANY.

Associate Professor COKER.

2. Special morphology of the mosses, ferns, and higher plants, with particular consideration of homologies; lectures with laboratory and field work. *Both terms, three hours.*
3. Special Morphology of the algae and fungi, with attention to the culture of lower fungi, and the identification of mushrooms; lectures with laboratory and field work. *Both terms, three hours.*
4. Plant Morphology: advanced work in the embryology and anatomy of plants. The student is required to collect and prepare material for the microscopic study of special problems. Theses. *Both terms, five hours or more.*

## GEOLOGY.

Professor COBB.

5. Petrography; lectures, laboratory work, and theses. *Both terms, two hours.*
6. Advanced field work and special research in geology or geography; problems assigned individually and work adapted to the professional needs of the student. *Both terms, three hours.*
7. Research course in historical geology. *Both terms, three hours.*

## PEDAGOGY.

Professor NOBLE.

5. The study of childhood in transforming modern methods of studying and teaching educational science; theses. *Fall term, two hours.*

6. Herbartian Pedagogy. The attempt is made in this course to investigate the Herbartian movement in Germany and in the United States. The works of Rein, Story, Ziller, Lange, and others are studied. Theses. *Spring term, two hours.*

7. American Education: a study of the development of public and private school systems in the United States; research and lectures. *Both terms, two hours.*

# MEDALS AND PRIZES.

THE HOLT MEDAL IN MATHEMATICS. (Established in 1874.) A gold medal is offered annually by Mr. John Allen Holt and Mr. Martin H. Holt, the principals of Oak Ridge Institute, to that student who shall take the highest rank in Mathematics 4. No student will be recommended for the medal unless he attain to grade 2.

THE LITERARY ESSAY MEDAL. (Established in 1890.) A gold medal is offered annually by Professor Thomas Hume to that member of the Senior Class who shall present the best essay or thesis on some distinctly literary subject.

THE MANGUM MEDAL IN ORATORY. (Established in 1878.) A gold medal founded by the Misses Mangum, late of Orange county, in memory of their father, Willie Person Mangum, is continued by his granddaughters, Mrs. Julian A. Turner, Mrs. Stephen B. Weeks, and Miss Preston Leach, and awarded to that member of the Senior class who shall deliver the best oration at Commencement.

THE BINGHAM PRIZE IN DEBATE. (Established in 1899.) This prize is offered by Mr. R. W. Bingham, in memory of his great-grandfather, grandfather, father, and brother. It is given annually for excellence in debate. The contestants are representatives of the Literary Societies, and the contest is held on Tuesday evening of Commencement week.

THE KERR PRIZE IN GEOLOGY AND MINERALOGY. (Established in 1889.) A prize of fifty dollars is offered annually by Mr. William H. Kerr in memory of his father, Professor Washington Caruthers Kerr, to any undergraduate or graduate student, for the best thesis containing original work in the geology or mineralogy of North Carolina.

THE GREEK PRIZE. (Established in 1887.) A prize of ten dollars is offered annually to that member of the Sophomore class, who shall pre-

sent the best rendering into English of selected passages of Greek not previously read.

THE WORTH PRIZE IN PHILOSOPHY. (Established in 1883.) Mr. Charles Williams Worth, in memory of his father, David Gaston Worth, of the class of 1853, will print the best thesis submitted by a student in Philosophy 4.

THE EARLY ENGLISH TEXT SOCIETY PRIZE. (Established in 1886.) A special prize is offered annually by the Early English Text Society, of London, for advanced work in Anglo-Saxon and Middle English.

THE BRYAN PRIZE. (Established in 1903.) A prize will be given annually by Mr. William Jennings Bryan for the best thesis in Political Science.

THE HUNTER LEE HARRIS MEMORIAL. (Established in 1903.) Dr. Charles Wyche, of St. Louis, offers annually in memory of Hunter Lee Harris, of the class of 1893, a gold medal for the best original story by any student of the University.

THE INTERNATIONAL MEDAL. (Established in 1903.) This medal is offered annually by Mr. Hayne Davis, of the class of 1888, for the best essay on the following subject:—"The right relations of nations to each other under twentieth century conditions in the light of changes which have occurred throughout the world in the relation of political organisms, since the revolt of the American colonies."

THE THOMAS HUME PRIZE. (Established in 1904.) A prize of fifty dollars is offered annually by Mr. W. G. Peckham, of New York, for the best work in the Old English Ballads and Shakspere or Milton.

# PECUNIARY AID AND EXPENSES.

## FELLOWSHIPS AND SCHOLARSHIPS.

THE HILL FELLOWSHIP. (Established in 1903.) This fellowship, founded by Mr. John Sprunt Hill, of the class of 1899, yields $200 annually. The holder shall devote himself to the study of North Carolina History at this University; but the fellowship is open to students of all the institutions for higher education in the State. Appointments are made by a committee consisting of the Professor of History at the University of North Carolina and Mr. John Sprunt Hill, the Founder, or his representative. The work of the holder shall be under the direction of this committee.

THE TOCH FELLOWSHIP IN CHEMISTRY. (Established in 1905 by Mr. Maximilian Toch.) The holder is expected to devote himself to research in technical chemistry. This fellowship yields $100 annually.

THE CAMERON SCHOLARSHIPS. (Established in 1892.) The heirs of Paul Carrington Cameron founded, in his memory, ten scholarships of the value of sixty dollars each.

THE DIALECTIC AND PHILANTHROPIC LITERARY SOCIETIES' SCHOLARSHIPS. (Established in 1893.) The Dialectic and Philanthropic Literary Societies of the University founded two scholarships of the value of sixty dollars each, recipients of which shall give assistance in the Library.

THE MOORE SCHOLARSHIPS. (Established in 1881.) Bartholomew Figures Moore, of Raleigh, bequeathed five thousand dollars, the interest of which shall be devoted to paying the tuition of students.

THE MARY ANN SMITH SCHOLARSHIPS. (Established in 1891.) Miss Mary Ann Smith bequeathed thirty-seven thousand dollars for the foundation of scholarships, the number of scholarships to be determined by the amount of income.

THE MARY RUFFIN SMITH SCHOLARSHIPS. (Established in 1885.) Miss Mary Ruffin Smith bequeathed to the University, in memory of her brother, Dr. Francis Jones Smith, a valuable tract of land in Chatham county of fourteen hundred and sixty acres, known as Jones' Grove. The will provides that the rents of the land, or the interest on the purchase money, if sold, shall be used to pay the tuition of such poor students as the Faculty shall appoint.

THE SPEIGHT SCHOLARSHIPS. (Established in 1895.) The late Mrs. Mary Shepherd Speight bequeathed ten thousand dollars to the University. The income shall be used to pay the tuition of needy students; but if tuition is ever made free, the income shall be used toward paying the salaries of the professors.

THE WOOD SCHOLARSHIP. (Established in 1892.) Mrs. Mary Sprunt Wood, of Wilmington, has founded in memory of her late husband, Dr. Thomas Fanning Wood, a scholarship of the value of sixty dollars.

THE WEIL SCHOLARSHIP. (Established in 1898.) A fund, established by Mr. Henry Weil, of Goldsboro, furnishes one scholarship of the value of sixty dollars.

THE ARMFIELD SCHOLARSHIPS. (Established in 1901 and 1904.) These scholarships are founded by the generosity of Mr. Eugene M. Armfield, of the class of 1888, of High Point, N. C.

THE ALUMNI SCHOLARSHIPS. These scholarships have been established by gifts of the Alumni. A scholarship will be awarded for each one thousand dollars given.

THE KENNETH MURCHISON SCHOLARSHIP. (Established in 1904.) This scholarship has been founded by Mrs. Jessie Murchison Carter, of Baltimore, in memory of her father. It is awarded by the founder.

None of these scholarships are open to students in the professional departments of Law, Medicine, and Pharmacy.

All applications for scholarships must be filed in the President's office on or before August 15, and must be in the regular form prescribed by the University. Blank forms are supplied on application to the Registrar.

## FREE TUITION.

By an act of the Legislature in 1887, free tuition is given, in the College, to candidates for the ministry, to the sons of ministers, to young men under bodily infirmity, to teachers, and to young men preparing to teach. This enables the University to aid most effectively the public school teachers of the State.

## LOAN FUNDS.

THE DEEMS FUND. (Established in 1879.) A fund of six hundred dollars was established by Rev. Dr. Charles Force Deems, late pastor of the Church of the Strangers, New York City, formerly a Professor in the University, in memory of his son, Lieutenant Theodore Disosway Deems. In 1881 the fund was greatly enlarged, through the munificence of Mr. William H. Vanderbilt, by a gift of ten thousand dollars, "as an addition to the Deems fund, to be loaned to indigent students of the University."

Applications for loans will not be considered unless accompanied by testimonials from responsible persons as to poverty and merit. The funds are limited in amount and are loaned only on the security of two approved signatures and at the legal rate of interest.

All applications for loans must be filed in the President's office on or before August 15.

## EXPENSES.

Every effort is made to reduce to the lowest point the necessary expenses of an education at the University. The charges for each of the two terms are as follows:—

| | |
|---|---|
| Tuition fee | $30.00 |
| Fee for matriculation, etc | 12.50 |
| Total | 42.50 |

Students taking courses in the laboratories are charged a small fee for materials. Every student must keep on deposit with the Bursar two dol-

lars as security for damages. Willful damage to University property is charged to the perpetrator, if known, otherwise it is assessed upon all students of the University. Any balance is returned to the student at the end of the year.

Good board is furnished at Commons for eight dollars a month. A few students earn their board at Commons by waiting on the tables. In private clubs board may be reduced to a minimum of six dollars a month. The entire annual expenses need not exceed three hundred dollars, and they may be reduced to two hundred dollars.

It is confidently believed that no institution offers wider opportunities of self-help to meritorious students of slender means. The desire is that no worthy boy, however poor, shall ever be turned away for lack of means. To such the University and town offer unusual opportunities for support. Many students are now working their way through college by every form of honorable labor. A number are here as a result of money earned or borrowed. Seventy are aided by loans, and about five hundred have received aid from the University in loans and scholarships in the past twenty years. A few students are selected by the authorities as waiters at Commons. Otherwise all opportunities available in the University and town must be secured by the personal effort of the individual, or with the assistance of the Faculty Committee on Self-Help. They are not assigned by the President.

## DORMITORY ACCOMMODATIONS.

The University buildings contain one hundred and seventy-four unfurnished double rooms, available for the accommodation of students. There is no charge for service in addition to the rent. All rooms are fitted with electric lights. Room rent ranges from 75 cents to $2.75 per month for each occupant, the price depending on the location of the room.

All the buildings of the University are heated by hot water according to the most improved methods. In the dormitories the charge for heating and light will be $2.00 per month for each room.

# REGULATIONS.

## REGISTRATION.

All students are expected to present themselves for registration on *Monday, Tuesday*, or *Wednesday, September 10, 11*, or *12, 1906*, and *Tuesday, Wednesday*, or *Thursday, January 1, 2*, or *3, 1907*, between the hours of 9 A. M. and 4 P. M., at the office of the Registrar.

A student who presents himself for registration after the dates and times named shall pay a fee of two dollars in addition to the regular fee.

## ARRANGEMENT OF COURSES.

Every student, when he presents himself for registration, must submit a list of the courses, required and elective, which he desires to pursue.

No student will be allowed to take less than 15 hours, nor more than 18 hours of class-room work per week without special permission of the Faculty or of the President.

Students desiring to change their courses must make written application to the President for the desired change. The application will be considered by the President and the instructors in the departments concerned and will be granted only after a careful consideration of the facts in each case. No changes will be permitted after the first two weeks of the term except such as are granted after application to, and approval by, the Faculty.

Candidates for more than one degree shall not offer the same elective in two courses, nor a required study in one course as an elective in another.

## ASSIGNMENT OF ROOMS.

The University buildings contain one hundred and seventy-four unfurnished double rooms, available for the accommodation of students. These rooms are assigned to students by the Bursar, at the beginning of each term, in the order of application. All occupants are required to sign the following contract:

*Messrs.....and..... ..... having paid $.....room fee, are entitled to the use of Room No.....Building and service from. .....190...to.....190... It is mutually agreed, as part of this contract, that the Bursar shall provide satisfactory service, and shall make all repairs for damages committed previous to this contract, if notice of same be given at this date; also that the tenants shall be responsible for all damage, by whomsoever committed, in or upon the room during this contract, as well as for all damage committed by the tenants, either one or both, upon any University property. It is also further agreed that this contract shall be forfeited and that tenants, either one or both, shall vacate the room at the written request of the Bursar, if they fail to make good at once all damages committed in or upon their room or by either of them elsewhere, or if they make any malicious damage of University property, or if they make any disturbance of order by noises or ball-playing in or near the University buildings.*

The President reserves also the right to require any student whom for any reason he considers an undesirable tenant to vacate a room in the University buildings.

The contract quoted above is subject to the following special rules:

1. In order to retain his room for the next session, a student must notify the Bursar in writing before *May 20.*

2. The room thus signed for will be retained until the *first day of registration in September.* To be retained beyond that date, the rent for the first term must be paid. Double rooms signed for by only one person will not be retained after that date unless the full rent has been paid. No one signing for a room can transfer the same.

3. Rooms not signed for, or forfeited by failure to pay at the proper date, will be assigned in the order of application.

4. No dogs shall be kept in the University dormitories. Breach of this regulation leads to forfeiture of the room.

## CONDUCT.

By order of the Board of Trustees the Faculty is directed to dismiss from the University any student who is known to engage in drinking intoxicating liquors, gambling, hazing in any form, or to be guilty of dissolute conduct.

Students persistently neglectful of duty, or addicted to boisterous conduct or rowdyism, may be requested to leave the University.

## ATTENDANCE.

Regular attendance upon lectures and recitations is required of all students.

In any term, absences are counted from the first regular meeting of each class. In no case will a student be considered present at any class until he has been regularly registered as a member of that class. Students will be subject to the discipline of the Faculty when the total unexcused absences in any month amount to five.

Any student whose absences from a class during any month equal the number of scheduled meetings of the class for one week is required to stand a special examination on that month's work, according to the schedule laid down below. In the case of those whose absences in a given month reach the number indicated above, and who fail to stand the examination provided for such absences, it is left to the discretion of the instructor to retain them in the class.

Students who are absent from a class during the months of December and May as much as 25 per cent. of the scheduled meetings of the class, must stand an examination for these months before being entitled to any grade on the term examination. This special examination is to be held in connection with the regular term examination, or at some time during the examination period.

Students who are absent during any term as much as 33⅓ per cent. of the scheduled meetings of the class, except in case of prolonged sickness necessitating at least half the absences, may at the discretion of the instructor be debarred from standing the term examination.

**Schedule of Examinations to be Held Each Month For Excess of Absences.**

*First Saturday in the Next Month.*

| | |
|---|---|
| French and German, all classes and sections, | 8:45 o'clock. |
| Greek, | 9:45 " |
| Latin, | 11:00 " |
| Zoology and Botany, | 12:00 " |

*Second Saturday in the Next Month.*

| | |
|---|---|
| Mathematics, all classes and sections, | 8:45 " |
| Geology, | 10:00 " |
| Chemistry, | 11:00 " |
| Physics, | 12:00 " |

*Third Saturday in the Next Month.*

| | |
|---|---|
| History and Economics, all classes and sections, | 8:45 " |
| English, | 9:45 " |
| Elementary Law, | 11:00 " |
| Philosophy, | at night. |

Attendance at Chapel is compulsory for all students in the University except for members of the professional departments and for such others as are specially excused. Absence from Chapel will subject the student to discipline by the Executive.

No student is allowed to absent himself from the University without written permission from the President or his representative. This permission may, at the discretion of the executive officer, be granted only upon the formal request of the parent or guardian,

## EXAMINATIONS.

Regular examinations in all subjects are held at the close of each term. Excuses from examinations are granted only in case of absolute necessity. Such an excuse, to be valid, must be obtained from the President by the day of the examination, and communicated officially to the instructor holding the examination.

Freshmen, Sophomores, and Juniors who have been excused from an examination or have received the grade of 5 (see page 82) in any subject will be given two and only two opportunities to make good the deficiency by special examination. Those conditioned on the Fall term of a subject may make good the deficiency either in the following September, on the days indicated below, or at the regular examination of the next lower class in December. Those conditioned on the Spring term of a subject may make good the deficiency either in the following September, on the days indicated below, or at the regular examination of the next lower class in May. In case a student fails in both of the special examinations, he must repeat the subject with the class of the succeeding year. If the unremoved condition be in an elective subject not offered for the succeeding year, the student must take another elective valued at the same number of hours.

Seniors who have been excused from an examination or have received the grade 5 in any subject at either the Fall or Spring examination will be given but one opportunity to make good the deficiency by special examination, viz., during the regular examination period of the three lower classes in May.

Papers handed in at special examinations by students who have been officially excused from the regular examination will be graded. All others will be marked either "passed" or "failed". Students who hand in papers at regular examinations are considered to have relinquished any claim to grades on special examinations.

Students who absent themselves from regular examinations without having obtained an official excuse, and those who are present at the regular examinations but do not hand in papers, are given the grade 6 (see page 82). They are required to repeat the subject with the next lower

class, or, in case of an elective not offered in the succeeding year, to take another elective valued at the same number of hours.

A student wishing a special examination in any subject must deposit an application in the office of the Registrar at least one week before the beginning of the period of regular examinations.

Each student is required to subscribe his name to the following pledge on every paper: I hereby certify that during this examination I have neither given nor received aid. No paper without the pledge will be read.

The order of examinations for the removal of conditions in September, 1906, will be as follows:

*Monday, September 10.*

| | | | |
|---|---|---|---|
| 10 A. M. | Physics. | 2.30 P. M. | Chemistry. |

*Tuesday, September 11.*

| | | | |
|---|---|---|---|
| 10 A. M. | Greek. | 2.30 P. M. | History.<br>Economics. |

*Wednesday, September 12.*

| | | | |
|---|---|---|---|
| 10 A. M. | English. | 2:30 P. M. | Zoology.<br>Botany. |

*Thursday, September 13.*

| | | | |
|---|---|---|---|
| 10 A. M. | German.<br>French. | 2:30 P. M. | Mathematics. |

*Friday, September 14.*

| | | | |
|---|---|---|---|
| 10 A. M. | Latin. | 2:30 P. M. | Geology. |

*Saturday, September 16.*

| | | | |
|---|---|---|---|
| 10 A. M. | Philosophy. | 2.30 P. M. | Pedagogy. |

## STANDING.

Semi-annual reports of the standing of all students in all the studies of

the previous term are sent to parents or guardians. These reports are based upon the following system of marking:—

Grade 1, 95–100 per cent.
Grade 2, 90–95 per cent.
Grade 3, 80–90 per cent.
Grade 4, 70–80 per cent.
Grade 5, 60–70 per cent.
Grade 6, below 60 per cent.

Students must attain a grade of 4 to pass in any study. Grade 5 indicates that the student is conditioned, but may remove the deficiency by special examination as explained on page 80. Students receiving grade 6 in any study must take such study again with the next lower class, or in case of an elective not offered in the succeeding year, must take another elective valued at the same number of hours.

A student who has failed to pass all the examinations of the year in any College study may not take a higher class in that department, until he make good his deficiency.

A student who at the close of the period of special examinations in September, is deficient by an amount equal to eight hours of class-room work for a year will be ranked with the next lower class.

In addition to the semi-annual reports, there are sent out during the session six monthly reports in which the standing of students is indicated in a general way.

## CERTIFICATES.

A certificate is granted to a student who has completed, with credit, in any department except those of Mathematics, Chemistry, Physics, and Geology, all work required for a degree together with other elective work in the same department. (For detailed statement of requirements see under the several departments of instruction.)

## GRADUATION.

Each Senior will be officially informed by the Registrar in August of all deficiencies standing against him.

Every member of the Senior Class is required to write a thesis or an oration for graduation. Those electing theses must announce their subjects by February 1 to the Dean of the Faculty, who will report them to the professors in the departments concerned. On May 2 the theses shall be read before the professors, subject to criticism and correction. The corrected and approved theses must be handed to the Registrar in type-written form on or before May 15.

The number of orations is limited to four. The candidates must be members of the Academic Department or the Department of Applied Sciences, and must announce their subjects to the Dean of the Faculty by February 1. The orations shall be delivered in private before a committee of the Faculty on May 1, who shall decide upon the relative merits of the orations. The four successful candidates are known as the Commencement Orators of the Senior Class.

## ATHLETIC AND OTHER ORGANIZATIONS.

No student will be allowed to take part in athletic contests, concerts, debates, etc., entailing absence from the University, whose parent or guardian objects to such participation.

A student who was in attendance upon the University during a previous term or session must have passed satisfactory examinations upon at least six hours of work before he will be allowed to represent the University in an athletic contest or in any other public capacity.

No student reported as deficient in a majority of his classes may participate in any athletic contest or otherwise publicly represent the University, until the deficiency is made good.

No team or club will be allowed to be absent from the University for more than five lecture days during the term.

The manager of each athletic team or musical club shall submit to the President a schedule of all engagements before positive arrangements are made.

No student shall be eligible for membership in an athletic team playing in intercollegiate contests, unless he has registered on or before October 12.

No student who has received, or is receiving now, or has been promised

directly or indirectly any money or compensation in lieu of money for athletic services, shall be eligible as a player upon any athletic team representing the University, and each candidate for such position must sign a statement to the effect that he is not ineligible under this rule.

## FRATERNITIES.

Undergraduate students may join fraternities after registration in their Sophomore year. Fraternity men are not allowed to pledge Freshmen to join fraternities.

# THE LAW DEPARTMENT.

## FACULTY.

FRANCIS PRESTON VENABLE, PH.D., D.SC., LL.D., PRESIDENT.
JAMES CAMERON MACRAE, LL.D., *Dean and Professor of Common and Statute Law and Equity.*
LUCIUS POLK MCGEHEE, A.B., *Professor of Law and Equity.*
KEMP PLUMMER BATTLE, LL.D., *Professor of Constitutional History and International Law.*
CHARLES LEE RAPER, PH.D., *Associate Professor of Economics and of History.*
CHARLES STAPLES MANGUM, A.B., M.D., *Lecturer on Medical Jurisprudence.*

## GENERAL PLAN AND METHODS OF INSTRUCTION.

The work of the Law Department extends over two years, and embraces courses in all the ordinary legal subjects, in constitutional history, economics, and medical jurisprudence.

The first year of technical legal study is devoted to a treatment of the law of persons, property, torts, contracts, and crimes. The second year embraces a study of equity, procedure, and evidence, public and private corporations, constitutional and international law, administration, insurance, bankruptcy, and admiralty.

Instruction is given by text-books, lectures, and the study of selected and leading cases. From time to time during the term eminent lawyers and judges will deliver lectures.

## ELEMENTARY AND BUSINESS LAW.

A course is also offered giving an outline of the field of law and studying more in detail the principles and forms applicable to business and commercial life. This course affords a preliminary study for those intending to pursue the regular legal course. It is elective for Juniors and Seniors in the College.

## THE DEGREE OF BACHELOR OF LAWS.

Two years of residence are required of all students who desire to offer themselves as candidates for the degree of Bachelor of Laws, LL.B. This degree is conferred on those who have passed approved examinations on the subjects indicated in the curriculum below, and who have, in addition, submitted approved theses on subjects satisfactory to the Dean of the Department. Applicants for this degree must have completed as a prerequisite, an academic course equivalent to that of the Freshman and Sophomore years in the College.

## CURRICULUM.

### FIRST YEAR.

2. Persons, Personal Property, and Contracts. *Fall term, five hours.*
3. Real Property. *Fall term, five hours.*
4. Agency, Sales, Negotiable Instruments, Partnership. *Spring term, five hours.*
5. Criminal Law, Torts, and Bailments. *Spring term, five hours.*
6. Constitutional History and International Law. *Both terms, two hours.*

### SECOND YEAR.

7. Evidence, Equity, and Procedure. *Fall term, five hours.*
8. Municipal Corporations, Insurance, Admiralty and Bankruptcy. *Fall term, five hours.*

9. Corporations, Administration. Wills, the Constitutions of the United States and of North Carolina. *Spring term, five hours.*

10. Constitutional Law, Historical Jurisprudence, International Law. *Spring term, five hours.*

11 or 12. Economics or Public Finance. *Both terms, two hours.*

## COURSES OF INSTRUCTION.

Professor McGehee.

1. Elementary Course in first principles and plain rules of business, contract, and property law. Robinson's *Elementary Law*; Spencer's *Commercial Law*. *Both terms, three hours.*

2. Persons, Personal Property, and Contracts. A course, requiring five hours of class work a week for a term, is devoted to these subjects. After some introductory lectures on the nature of law and on the classification of its different branches, the rights of persons is taken up. The law of husband and wife, parent and child, guardian and ward, and master and servant, and the law regulating infants and others *non compotes mentis* is treated. An outline of the law of personal property, including its divisions and species and the mode of acquiring title thereto, follows. This is succeeded by a study of the general principles of the law of contract. The texts used are Blackstone's Commentaries (portions), Clark on Contracts, and another work to be announced. *Fall term, five hours.*

3. Real Property. The basis of instruction for this course is Goodwin on Real Property and Blackstone's Commentaries. *Fall term, five hours.*

4. Agency, Sales, Negotiable Instruments, and Partnership. After completing course 2 the study of the more important specific contracts is pursued. Mechem on Agency; Browne or Burdick on Sales; the Negotiable Instrument Law, with Bigelow on Bills and Notes; and Mechem on Partnership are used. *Spring term, five hours.*

5. Criminal Law, Torts, and Bailments. After completing course 3, the above topics are taken up. May on Criminal Law, Bigelow on

Torts, and Goddard's Outlines of the Law of Bailment and Carriers form the texts studied. *Spring term, five hours.*

Professor MacRae.

7. First Greenleaf on Evidence; Best on Evidence (Third Ewell); the Code chapter on Evidence. Bispham's Equity; Equity Pleading and Practice. Code of Civil Procedure; Code Practice. *Fall term, five hours.*

8. Dillon on Municipal Corporations. Richards on Insurance. Hughes on Admiralty. The Law of Bankruptcy. *Fall term, five hours.*

9. Clark on Corporations; the North Carolina Corporation Law and Cases. Schouler on Executors and Administrators; Code chapters on Executors, Widows, Wills, and Testaments; Descent and Distribution. The Law of Wills. The Constitutions of North Carolina and of the United States. The Code. *Spring term, five hours.*

10. Cooley on Constitutional Limitations. Historical Jurisprudence. International Law. Lectures. Theses. *Spring term, five hours.*

Professor Battle.

6. Constitutional History and International Law (History 7): a general survey of the history and principles of the constitutions of the leading nations ancient and modern; a special study of the Constitution of the United States, with the principal judicial decisions thereon; lectures on the leading principles of International Law. *Both terms, three hours.*

Associate Professor Raper.

11. Economics. (Economics 1.) A general study of the production and consumption of wealth; a special study of land, labor, capital, and organization as factors in the production of wealth; lectures and readings. Marshall's *Principles of Economics. Both terms, two hours.*

12. Economics. (Economics 2.) Public Finance: a general study of the principles of expenditures and revenues of the State, and of the relation of the State to industries; a special study of taxation and the tariff; lectures and readings; Adams' *Science of Finance*; *Both terms, two hours.*

Professor Mangum.

13. Medical Jurisprudence. *Both terms, one hour*

## CERTIFICATES.

A certificate is granted to students who pass with credit thorough written examinations on all subjects embraced in courses 2, 3, 4, 5, 7, and 9. Those who receive this certificate are considered prepared to appear before the Supreme Court for examination.

## MOOT COURT.

The Moot Court is an important factor in legal educational methods; it familiarizes the student with the practical side of law. It is the purpose of the University Court to acquaint the student with the legal details so necessary to be acquired, yet so difficult of access. Regular sessions are held every Saturday evening, and every student in the Law Department has frequent opportunities for practice. The work is thorough and is carried on from the inception of the suit to the final judgment in the Appellate Court.

### Court of Appeals.

*Judge,* Professor MacRae.

### Superior Court.

*Judge,* Newman Alexander Townsend.
*Solicitor,* Francis Sylvester Hassell.
*Clerk,* Thomas William Simmons.
*Sheriff,* John Archibald Parker.

## EXPENSES PER TERM.

Tuition fee.....$35.00
Fee for matriculation, etc..... 12.50
Tuition fee for Elementary Course..... 5.00

Where full tuition, $35.00, is paid, there is no extra charge for the Elementary Course.

Good board is furnished at Commons Hall for $8 per month. The rent of nnfurnished rooms in the dormitories ranges from seventy-five cents to $2.75 per month, for each occupant. For each room a charge of $2.00 per month is made for electric light and for heating.

## ADMISSION AND REGISTRATION.

Candidates for admission into the Law School shonld present themselves on the same days and at the same hours with candidates for admission into the College, either in September or in January. Candidates for admission and students already members of the school are expected to register according to the regulations on page 76. The session of the Law Department is of the same length as the College year. Tbe members of the Law Department enjoy all the privileges extended to other stndents in the University.

## SUMMER LAW SCHOOL.

During the summer two classes in law are conducted by the professors of this department. The text-books used are the same as those reqnired in courses 2, 3, 4, 5, 7, and 9, prescribed by the Supreme Court. The session begins on the thirteenth day of Jnne, 1906, and ends on the Friday before the last Monday in August. The fee for admission into either conrse is thirty dollars for tuition and three dollars for registration; for admission into both courses, fifty dollars for tuition and three dollars for registration. The tuition is thirty dollars for both conrses to students who have attended the regular session for two terms and to licensed attorneys desiring to review the principles of the Law.

All fees are payable in advance.

# THE DEPARTMENT OF MEDICINE.

## FACULTY AT CHAPEL HILL.

FRANCIS PRESTON VENABLE, PH.D., D.SC., LL.D., PRESIDENT.

ISAAC HALL MANNING, M.D., *Dean of the Department at Chapel Hill and Professor of Physiology.*

CHARLES STAPLES MANGUM, A.B., M.D., *Professor of Anatomy.*

WILLIAM DEBERNIERE MACNIDER, M.D., *Professor of Pharmacology and Bacteriology.*

*———— ————, *Professor of Histology, Embryology, and Pathology.*

JOSHUA WALKER GORE, C.E., *Professor of Physics.*

HENRY VAN PETERS WILSON, PH.D., *Professor of Zoology.*

CHARLES HOLMES HERTY, PH.D., *Smith Professor of General and Industrial Chemistry.*

ALVIN SAWYER WHEELER, PH.D., *Associate Professor of Organic Chemistry.*

WILLIAM CHAMBERS COKER, PH.D., *Associate Professor of Botany.*

JAMES EDWARD LATTA, A.M., *Associate Professor of Physics.*

ROYALL OSCAR EUGENE DAVIS, PH.D., *Instructor in Chemistry.*

LEONE BURNS NEWELL, A.B., M.D., *Demonstrator of Anatomy.*

WILBUR CALHOUN RICE, *Assistant of Anatomy.*

ROBERT BAKER LAWSON, M.D., *Assistant in Anatomy.*

JULIAN COLGATE HINES, JR., B.S., *Assistant in Physics.*

EDGAR EUGENE RANDOLPH, A.B., *Assistant in Chemistry.*

RISDEN TYLER ALLEN, *Assistant in Chemistry.*

HAMPDEN HILL, *Assistant in Chemistry.*

GEORGE ANDERSON JOHNSTON, B.S., *Assistant in Chemistry.*

WILLIAM HERBERT KIBLER, *Assistant in Zoology.*

*To be elected.

BENJAMIN FRANKLIN ROYAL, *Assistant in Zoology.*
THEOPHILUS PARKER CHESHIRE, *Assistant in Zoology.*
HUGH WHITE McCAIN, *Assistant in Botany.*

## FACULTY AT RALEIGH.

HUBERT ASHLEY ROYSTER, A.B., M.D., *Dean of the Department at Raleigh and Professor of Gynecology.*
WISCONSIN ILLINOIS ROYSTER, M.D., *Professor of Medicine.*
AUGUSTUS WASHINGTON KNOX, M.D., *Professor of Surgery.*
RICHARD HENRY LEWIS, A.B., M.D., *Professor of Diseases of the Eye and of General Hygiene.*
KEMP PLUMMER BATTLE, JR., A.B., M.D., *Professor of the Diseases of the Ear, Nose, and Throat.*
HENRY McKEE TUCKER, M.D., *Professor of Obstetrics.*
ANDREW WATSON GOODWIN, M.D., *Professor of Diseases of the Skin and of the Genito-Urinary System.*
JAMES WILLIAM McGEE, Jr., M.D., *Professor of Diseases of Children.*
JAMES McKEE, M.D., *Clinical Professor of Mental and Nervous Diseases.*
ROBERT SHERWOOD McGEACHY, M.D., *Instructor in Therapeutics and Anaesthetics.*
WILLIAM DEBERNIERE MACNIDER, M.D., *Instructor in Physical Diagnosis.*
RALPH SANDERS STEVENS, M.D., *Demonstrator of Clinical Pathology.*
HARRY MURRAY JONES, A.B., *Assistant Demonstrator of Clinical Pathology.*

## FOUNDATION.

Instruction in Medicine is given in two distinct schools, one situated at the seat of the University, Chapel Hill, and the other in the city of Raleigh.

The Department at Chapel Hill furnishes instruction in the fundamental branches of Medicine—those studies which constitute the scientific basis of

medicine and surgery, and which compose the first two years of the medical curriculum. This Department was founded in 1890. In 1898 it was admitted to membership in the Association of American Medical Colleges; in 1901 it was incorporated as an integral part of the University on the same footing as the graduate and the professional departments.

Owing to the absence of clinical facilities at Chapel Hill, instruction in the third and fourth years of the medical curriculum is conducted by the Department at Raleigh. This Department was opened in the fall of 1902. It enjoys the hospital and other clinical advantages to be found in a city. Its course is limited to the curriculum of the third and fourth years.

## COURSE LEADING TO THE DEGREE OF DOCTOR OF MEDICINE.

In order to be recommended for the degree of Doctor of Medicine (M.D.), the student must have completed with credit the course of study outlined below. Candidates must have devoted at least four full years to the study of medicine and the fourth year, at least, must have been spent in this school, the other three in this or other recognized schools of medicine.

## THE CURRICULUM.

The course is arranged in four sessions of nine months each as follows:

### First Year.

Physics. Two hours a week: total, 64 hours.

General Chemistry. Three lectures and two laboratory hours a week in the fall; three lectures and six laboratory hours a week in the spring: total, 186 hours.

Zoology. Two lectures and six laboratory hours a week for twenty weeks: total, 160 hours.

Embryology. Two lectures and six laboratory hours a week for twelve weeks: total, 96 hours.

Anatomy. Ten hours a week for thirty weeks: total, 300 hours.

### Second Year.

Physiology. Six lectures a week throughout the year; six laboratory hours a week from February to May: total, 288 hours.

Physiological Chemistry and Toxicology. Two lectures and six laboratory hours a week until February 1st: total, 128 hours.

Anatomy. Twelve hours a week until February: total, 182 hours.

Minor Surgery. Two hours a week for ten weeks: total, 20 hours.

Bacteriology. Two lectures and six laboratory hours a week until February 1st: total, 128 hours.

Pathology. Two lectures and ten laboratory hours a week, beginning in February: total, 192 hours.

Materia Medica and Pharmacology. Five lectures and four laboratory hours a week, beginning in February: total, 144 hours.

### Third Year.

Medicine. Three lectures and six clinic and dispensary hours a week for thirty weeks: total, 270 hours.

Surgery. Three lectures and six clinic and dispensary hours a week for thirty weeks: total, 270 hours.

Obstetrics. Two lectures and one clinic hour a week for thirty weeks: total, 90 hours.

Physical Diagnosis. One lecture and three clinic hours a week for thirty weeks: total, 120 hours.

Hygiene. One lecture a week for thirty weeks: total, 30 hours.

Clinical Pathology. Two lectures and two clinic hours a week for thirty weeks: total, 120 hours.

Therapeutics. Three lectures a week for thirty weeks: total, 90 hours.

### Fourth Year.

Medicine. Three lectures and six clinic and dispensary hours a week for thirty weeks: total, 270 hours.

Surgery. Three lectures and six clinic and dispensary hours a week for thirty weeks: total, 270 hours.

Gynecology. One lecture and four clinic hours a week for thirty weeks: total, 150 hours.

Obstetrics: outdoor work. Total, 90 hours or more.

Pediatrics. Two lectures and one clinic hour a week for thirty weeks: total, 90 hours.

Clinical Pathology. One laboratory hour a week for thirty weeks: total, 30 hours.

Diseases of the Eye. One lecture and one clinic hour a week for thirty weeks: total, 60 hours.

Diseases of the Ear, Nose, and Throat. One lecture and one clinic hour a week for thirty weeks: total, 60 hours.

Diseases of the Skin and Genito-Urinary System. One lecture and two clinic hours a week for thirty weeks: total, 90 hours.

Nervous and Mental Diseases. One lecture and one clinic hour a week for thirty weeks: total, 60 hours.

## THE DEPARTMENT AT CHAPEL HILL.

### ADMISSION.

Candidates for admission and students already members of the school should present themselves to the President for registration on *Monday, Tuesday,* or *Wednesday, September 10, 11,* or *12, 1906,* and *Tuesday, Wednesday,* or *Thursday, January 1, 2,* or *3, 1907.*

### ENTRANCE REQUIREMENTS.

Students desiring to matriculate will be required to present satisfactory certificates covering the equivalent of a four year high-school course; or to pass entrance examinations equivalent to it. Students who are unable to pass these examinations may matriculate provided they are not deficient in more than one subject. The deficiency must be made up before entering the second year. For such deficient students instruction will be provided without additional tuition fees.

## EXPENSES.

The following are the charges per term payable at the beginning of each term in September and January respectively:

Tuition..... ..... .....$35.00
Fee for matriculation, etc. ... .12 50

In addition, first-year students pay a laboratory fee in histology of $5 per term; and in chemistry of $1.25 per term. Second-year students pay a laboratory fee in chemistry of $5.00 per term.

Good board is furnished at Commons Hall for $8.00 a month. The rent of unfurnished rooms in the dormitories ranges from seventy-five cents to $2.75 per month, for each occupant. For each room a charge of $2.00 per month is made for electric light and for heat.

## PRIZES AND SCHOLARSHIPS.

THE HARRIS PRIZE. (Established in 1895.) Mrs. Thomas W. Harris, offers, in honor of the late Dr. Thomas W. Harris, a pocket case of instruments to that student who shall make the best grade in Anatomy.

THE WOOD SCHOLARSHIP. (Established in 1895.) Mrs. Mary Sprunt Wood, of Wilmington, has founded, in memory of her husband, the late Dr. Thomas Fanning Wood, a scholarship of the value of ninety dollars.

## THE GENERAL PLAN OF INSTRUCTION.

The course of instruction provided at Chapel Hill extends over a period of two college years. In the number of hours and subjects it conforms to the requirements of the curriculum adopted by the Association of Medical Colleges in July, 1905, and its successful completion entitles the student to entrance into the third year of high grade medical colleges.

In the arrangement of the courses of study the attempt is made to follow their natural sequence. In the first year the student devotes his time to anatomical and chemical studies, Gross and Microscopic Anatomy, Embry-

ology, Chemistry, and Physics, a thorough knowledge of which is necessary to the proper appreciation and understanding of the subjects to follow. Students who have had courses in Physics and Chemistry are advised to elect General Zoology and Botany rather than any of the second year studies.

In the second year Gross Anatomy is continued and completed. Physiology is begun and continues throughout the year. Physiological Chemistry, Toxicology, Bacteriology and Minor Surgery are begun and completed in the first half of the year; Materia Medica, Pharmacology, Pathology, and Experimental Physiology in the second half; so that at the expiration of the two years the student will have completed the fundamental branches of medicine and be prepared to enter upon the study of the more practical subjects.

The Department is well equipped to pursue the methods of instruction required by modern educational ideals. It has an adequate corps of trained instructors and, when advisable, the classes are divided into small sections so that the work of each student is under the direct supervision and close observation of the instructor. A professor is to be chosen to teach Pathology, Histology, and Embryology, branches now under the supervision of Professor H. V. Wilson, of the Department of Biology. A building containing ten rooms with a total floor space of six thousand square feet has been set apart for its use. In this there are two lecture rooms, the Bacteriological, Histological, Pathological, and Physiological laboratories, all of which are well equipped with modern conveniences and the apparatus necessary for a careful training of the student and the more advanced work of the instructor. The laboratories devoted to microscopic work are especially well lighted. The dissecting rooms are located in another building and are adequately equippped for the work of the student and the care of anatomical material. Instruction in Chemistry, Physics, Zoology, and Botany is given in the rooms used by the undergraduate students, which are described elsewhere. The University library, gymnasium, and the laboratories of all departments of the University are open to the medical students and they are encouraged to avail themselves of the unusual opportunities for scientific training and literary culture.

Instruction is given by lectures, oral and written quizzes, and in the laboratory, and the student is encouraged to the constant use of reference,

text-books and journals. As far as possible, the lecture and laboratory courses are given contemporaneously, for not only in this way does the student acquire technical skill, but it is believed he will gain a more thorough grasp of the subject.

## COURSES OF INSTRUCTION.

### Chemistry.

Professor HERTY and Dr. DAVIS.

General Descriptive Chemistry (Chemistry 1). The elements are studied in a systematic manner. The laws governing their combination and the compounds resulting are considered with appropriate reference to their occurrence and relationships to medicine. The latter part of the course is taken up with organic chemistry. Text: Holleman's *Analytical Chemistry*; Remsen's *Organic Chemistry*.

Associate Professor WHEELER and Mr. RANDOLPH.

Qualitative Analysis and Toxicology (Chemistry 9). Laboratory work with lectures. The behavior of the elements and their compounds is studied in the laboratory. Practice is given in the analysis of known and unknown mixtures with especial reference to the detection of poisons and determination of the purity of drugs. Text: Venable and Wheeler's *Qualitative Chemical Analysis* and the professor's notes.

Professor MANNING.

Physiological Chemistry and Urinary Analysis (Chemistry 10); lectures and laboratory work. The latter includes examinations of bones, blood, digestive juices, bile, milk, urine, and foods. Text: Simon's *Physiological Chemistry*.

### Physics.

Associate Professor LATTA.

Elementary Physics (Physics A.) The fundamental facts of Physics

are studied with some special attention to heat and electricity. Text-book, lectures, and experiments. Text: Carhart and Chute.

### Zoology.

Professor WILSON.

General Zoology (Zoology 1): an introductory course giving an outline of the classification and structure of animals, with consideration of the fundamentals of histology, embryology and physiology, and some consideration of biological theories; lectures with laboratory work. Text: Morgan. Elective in the first year.

### Botany.

Associate Professor COKER.

General Botany (Botany 1): an introduction to the structure and classification of plants; lectures with laboratory work. Elective in the first year.

### Vertebrate Histology.

Professor——— ———.*

The principal tissues and organs of the vertebrate body are here studied according to the methods of modern microscopy. The individual student is instructed how to make, study, and sketch microscopic preparations, including paraffin and celloidin sections, macerations, and mounts of fresh tissue. Texts: Schaefer; Stoehr.

### Vertebrate Embryology.

Professor ——— ———.*

This course will consist chiefly in the study of organogeny in the chick and in the pig and the foetal membranes of mammals. The relationship to human embryology is fully discussed in the lectures. Text: Minot's *Laboratory Text-Book.*

*To be elected.

## Anatomy.

Professor MANGUM, Dr. NEWELL, Mr. RICE and Dr. LAWSON.

The method of instruction is one of dissection and demonstration rather than of lectures. In the first year the body is studied by systems, first the bones, then the muscles, etc. The student does much of the dissecting for himself, but the more difficult dissections are made by the instructor. Frequent practical examinations are held, upon which stress is laid, in order to enforce proper study of the cadaver. In the second year the study proceeds by regions. The student does all the dissecting, but is still under the supervision of an instructor, who examines him upon the work done, and indicates the bearing of anatomical facts upon surgical operations. During this year there is a special laboratory study of the anatomy of the central nervous system. Text: Gray or Cunningham; Whitehead's *Anatomy of the Brain*

## Physiology.

Professor MANNING.

This course consists of lectures and laboratory work. In the lectures a brief account of general and cell physiology is given as an introduction; then follows a detailed discussion of the facts and theories of human physiology with a brief account of such experiments on the lower animals and such clinical observations and experiments as bear upon the subjects. Contemporaneously with the lectures, a laboratory course is given in which the student learns the methods of experimental physiology and performs such experiments, as will demonstrate the more obvious facts. Text: Howell, Stewart and Porter.

## Materia Medica and Pharmacology.

Professor MACNIDER.

In this course, consisting of lecture and laboratory work, the general appearance and composition of a carefully selected number of drugs, their preparations and doses, their physiological action and

the indications for their rational usage, will be studied. Emphasis will be given to the pharmacopoeal standards. Text-book of Practical Therapeutics (Hare).

### Pathology.

Professor MacNider.

1. Bacteriology. The student learns by practical experience the methods of cultivating, staining, and identifying the principal bacteria, the pathological significance of which is explained by lectures and demonstrated by inoculation of animals. In this way the chief bacteria are studied in pure culture, after which the methods of bacteria are learned. The necessary manipulations are all carried on by the student, who thus obtains a useful practical knowledge of the subject. Text: Muir and Ritchie.

Professor ——— ———,* Professor MacNider, and Dr. Newell.

2. Pathological Histology. In this course the various morbid processes which affect the tissues are discussed in lectures and studied with the microscope. The laboratory is well supplied with pathological material, and each student stains, mounts, and studies a large number of sections extending over almost the whole range of pathology, upon which he is required to stand a practical examination. Text: Green.

### Minor Surgery.

Professor MacNider.

The class practices the application of bandages, and learns the modern methods of dressing wounds. Text: Davis on Bandaging.

* To be elected.

# THE DEPARTMENT AT RALEIGH.

## LOCATION AND FACILITIES.

The advantages afforded by the city of Raleigh for the advanced work of the University Medical Department are numerous. It is the most accessible of the State's larger cities and has already become one of its educational centres. Comprising, with the suburbs, a population of 25,000, it offers clinical facilities second to none in North Carolina. Two hospitals admit students of medicine for instruction. These hospitals are attended by the Faculty of the Medical Department and special care is given to individual teaching with the varied material found in them. Besides these hospitals, there are many available public institutions which furnish valuable privileges to students of the University.

## ADMISSION.

Students will be admitted to the Medical Department at Raleigh upon completion of the preparatory two years' course at Chapel Hill, or its equivalent. Preliminary examinations will be required, if deemed necessary.

Students may be admitted to advanced standing who present evidence of having fulfilled the requirements of this department with respect to preliminary education, and having completed at accredited medical schools the courses required in the preceding years.

## REGISTRATION.

Students should present themselves for registration on *Monday, Tuesday,* or *Wednesday, September 10, 11, or 12, 1906,* and on *Tuesday, Wednesday,* or *Thursday, January 1, 2,* or *3, 1907.*

## EXPENSES.

The following are the charges per term, payable at the beginning of each term:

Tuition . . . . . $37.50

At graduation a charge of $5.00 is made for the diploma. Board may be obtained in the city at prices ranging from $12.50 to $15 per month.

## COURSES OF INSTRUCTION.

### Medicine.

Professor W. I. Royster and Dr. MacNider.

This subject is taught by lectures, ward classes, and general clinics. Cases are assigned to students and examinations are held upon their work. History-writing receives due attention.

In the third year are treated the infectious diseases, diseases of the blood and the digestive system. Individual instruction is given in the methods of physical diagnosis.

In the fourth year are studied the diseases of the respiratory system, heart, and kidneys, and the general diseases. There are weekly clinics and ward classes.

Texts: Hare, Tyson.

### Surgery.

Professor Knox and Dr. McGeachy.

In the third year are treated the principles of surgery, wounds, minor operations, and bandaging. Ward classes and dispensary work furnish ample demonstrations of the subjects described in the lectures.

The fourth year is devoted to the general practice of surgery and the major operations. A special course in anaesthetics is given to each student. At all the clinics students will be able, by personal

observations at short range, to witness every step of an operation and thus familiarize themselves with the details. Text: Da Costa

### Obstetrics

Professor TUCKER.

This course is conducted by means of lectures, recitations, and clinics. Fundamental obstetric principles receive the closest attention. A number of maternity cases are available for instructing students in the management of labor and the lying-in period. Each student must have attended the prescribed number of labors before he is entitled to a diploma. Text: Hirst.

### Gynecology.

Lectures are given covering the entire field of the diseases of women from the simplest procedure to the more serious operations. Illustrative clinics are held weekly. In many cases students are allowed to assist in the operations. Practice in pelvic examinations is given constantly to each student, for the purpose of enabling him to make gynecological diagnoses. An abundance of material is always available. Text: Penrose.

### Therapeutics.

Dr. MCGEACHY

The whole subject is thoroughly discussed by means of recitations and demonstrations, with constant drill on important drugs. Text: Hare.

### Diseases of the Eye.

Professor LEWIS.

This course is conducted by means of lectures with clinics and dispensary classes, and furnishes what is absolutely essential for the general practitioner. Mastery of the principles is insisted upon. An abundance of illustrative material is presented in clinics and dispensary classes. Text: May.

### Diseases of the Ear, Nose, and Throat.

Professor BATTLE.

This course consists of lectures and demonstrations with opportunities for investigating cases under direct supervision. A knowledge of these diseases is recognized as necessary for every physician. Particular care is devoted to personal demonstration. Text: Bishop.

### Pediatrics.

Professor MCGEE.

Lectures and bed-side demonstrations Special emphasis is given to the diagnosis and treatment of the infectious diseases and to the care of infants. A large number of dispensary cases is seen. Text: Holt.

### Clinical Pathology.

Dr. STEVENS and Mr. JONES.

Great stress is laid upon the association of laboratory technique with cases actually under observation. Examinations of blood, urine, sputum, pus, tumors, etc., are made by the student with the assistance of the demonstrators. The equipment is excellent. Text: Simon.

### General Hygiene.

Professor LEWIS.

The principles and laws of hygiene and sanitation and the most approved practical methods established by modern science. A knowledge of hygiene and sanitation is very necessary for physicians in every community. Extraordinary opportunities will be given for investigating the working of the State sanitary laws. Text: Egbert.

### Nervous and Mental Diseases.

Clinical Professor MCKEE.

Practical instruction is given in the principles of the subject from material furnished by one of the State's largest insane hospitals

### Diseases of the Skin and Genito-urinary System.

Professor GOODWIN.

Instruction is given by means of lectures, recitations, and dispensary work. Attention to correct diagnosis is insisted upon. Modern methods are carefully studied. Texts: Walker, Cartwood.

### The City Free Dispensary.

Dr. HINES, *Physician in Chief.*

By special arrangement, the city of Raleigh has allowed the establishment of a Free Dispensary, to which all the outdoor city patients come for treatment. Thus every possible case is utilized as clinical material for students of medicine. Here will be found unusual privileges of personal observation. At certain times each student may conduct the dispensary work on his own account under the direction of the instructors.

# DEPARTMENT OF PHARMACY.

## FACULTY.

FRANCIS PRESTON VENABLE, PH.D., D SC., LL.D., PRESIDENT.
EDWARD VERNON HOWELL, A.B., PH.G., *Dean and Professor of Pharmacy.*
JOSHUA WALKER GORE, C.E., *Professor of Physics.*
HENRY VAN PETERS WILSON, PH.D., *Professor of Zoology.*
WILLIAM DEBERNIERE MACNIDER, M.D., *Professor of Pharmacology and Bacteriology.*
ISAAC HALL MANNING, M.D., *Professor of Physiology.*
CHARLES HOLMES HERTY, PH.D., *Smith Professor of General and Inorganic Chemistry.*
ALVIN SAWYER WHEELER, PH.D., *Associate Professor of Organic Chemistry.*
WILLIAM CHAMBERS COKER, PH.D., *Associate Professor of Botany.*
JAMES EDWARD LATTA, A.M., *Associate Professor of Physics.*
*JAMES EDWARD MILLS, PH.D., *Associate Professor of Physical Chemistry.*
ROYALL OSCAR EUGENE DAVIS, PH.D., *Instructor in Chemistry.*
IRA WINFIELD ROSE, *Assistant in Pharmaceutical Laboratory.*
EDGAR EUGENE RANDOLPH, A.B., *Assistant in Chemistry.*
RISDEN TYLER ALLEN, *Assistant in Chemistry.*
GEORGE ANDERSON JOHNSTON, B.S., *Assistant in Chemistry.*
HAMPDEN HILL, *Assistant in Chemistry.*
BENJAMIN FRANKLIN ROYAL, *Assistant in Zoology.*
WILLIAM HERBERT KIBLER, *Assistant in Zoology.*
THEOPHILUS PARKER CHESHIRE, *Assistant in Zoology.*
HUGH WHITE MCCAIN, *Assistant in Botany.*

* Absent on leave, 1905-1906.

## FOUNDATION.

The Department of Pharmacy was established in 1897 and was opened for students in September of that year. Its location at the seat of the University assures to its students the most modern scientific instruction with all the laboratory facilities of the academic department, as well as the courses of instruction in allied branches. These opportunities will meet the requirements of a large number of students who were compelled heretofore to obtain their pharmaceutical education in other States. Briefly stated, the advantages are as follows:

1. Thorough, careful, *individual* training.
2. The practical experience derived from active work in the laboratories.
3. Intimate association with the other departments of the University, to all of which the student of pharmacy has access, and the daily contact with students pursuing various branches of learning.
4. The use of the large library and reading room and the well equipped gymnasium.
5. The comparatively small cost at which a two-years' course may be obtained.
6. The length of the course, which consists of two sessions of nine months each,—nearly a fourth longer than in many of the Colleges of Pharmacy.

The success of the students of this Department in their examinations before State Boards has been very gratifying. Students of this Department have been applicants before the State Boards of Maryland, Pennsylvania, and North Carolina. None of the graduates of this Department applying for license before State Boards have failed to pass the examinations.

## ADMISSION.

Candidates for admission into the Department of Pharmacy should present themselves on the same days and at the same hours with candidates for admission into the College. For the next academic year, these days will be *Monday, Tuesday,* or *Wednesday, September 10, 11, or 12, 1906,* and *Tuesday, Wednesday,* or *Thursday, January 1, 2,* or *3, 1907.* The session

of the Department of Pharmacy is of the same length as the College year, beginning *September 10, 1906*, and ending *June 5, 1907*.

Candidates for the degree of Ph.G. must be, on entering, at least 17 years old, and must have completed a high school course of study.

The members of the Department of Pharmacy enjoy all the privileges extended to other students in the University.

## EXPENSES.

The charges of each term are payable at the beginning of the term They are as follows:

| | |
|---|---|
| Tuition | $30.00 |
| Registration and incidental fees | 12 50 |

For chemistry 1 there is a fee of $1.25 a term; for Chemistry 9 and 10, a fee of $5.00 a term. In the Prescription course there is a fee of $10.00

The students of Pharmacy are entitled to the use of the gymnasium, the library and reading room, and, in case of sickness, to medical attention and the use of the infirmary.

Good board is furnished at Commons Hall for $8 00 per month. The rent of unfurnished rooms ranges from 75 cents to $2.75 per month. For each room is made a charge of $2.00 per month for electric light and heating.

## PRIZES.

The Bradham Prize, offered by Mr. C. D. Bradham, of Newbern, N. C., will be given to the student making the highest general average during the two years of study.

The Gilpin Langdon Prize, offered by Messrs. Gilpin Langdon & Co., of Baltimore, Md., will be given to the student making the best line of preparations in the pharmaceutical laboratory

Prizes will also be given:

1. For the best thesis.
2. For the best collection of native medicinal herbs.

3. For the best exhibit of chemical salts made by a second year student.

4. For the best work in the recognition of materia medica specimens.

5. To the student recognizing the largest number of pharmaceutical preparations.

## EXAMINATIONS.

Final examinations are held at the end of each term on the subjects embraced in the course.

Quizzes upon the different branches are regularly held. Specimen quizzes upon Materia Medica, Chemistry, and Pharmacy are held once a week, and consist in the recognition and correct writing of the official name of the specimens presented.

Students are required to make an average of 70 per cent. on all examinations and quizzes.

## COURSE LEADING TO THE DEGREE OF GRADUATE OF PHARMACY.

In order to be recommended for the degree of Graduate of Pharmacy (Ph.G.), the student must have completed with credit the course of study outlined below. This course extends over two sessions of nine months each. The student must have completed the work of both sessions in the Department of Pharmacy of this University, or of one session (the second) here after one in some other recognized college of Pharmacy. He must obtain satisfactory marking in attendance and make a general average of 70 per cent. in the various branches, and submit a satisfactory thesis. The thesis must be an original essay embodying the results of the student's personal research in some branch of pharmacy, which he has prosecuted under the direction of the professor who has assigned him the subject. The subject of such thesis must be announced on or before February 1 to the Dean of the Faculty. On May 2 the thesis shall be read before the Dean of the Department, subject to criticism and correction. The corrected and approved thesis must be handed to the Registrar in

type-written form on or before May 15. It will be published at the discretion of the Dean of the Department. He must also have had a practical experience of at least four years with some qualified pharmacist in a dispensing store. Satisfactory evidence on this point must be submitted to the Dean of the Department, and a certificate deposited with the Registrar on or before May 15. Students who have not had the full four years' experience will be permitted to stand examinations for graduation; but their diplomas will be withheld until they shall have satisfied this requirement. Of the three years of experience required for license by the State Board of Pharmacy, the work done in the Pharmaceutical laboratory will count for one and only one.

### First Year.

Pharmacy 1 (5)*
Pharmacy 4 (4)
Elementary Physics A (2)
Chemistry 1 (5)

### Second Year.

Pharmacy 2 (5)
Pharmacy 5 (8)
Materia Medica (3)
Materia Medica and Pharmacology (5)
Chemistry 9 (3)
Chemistry 10 (3)

## COURSES OF INSTRUCTION.

### Pharmacy.

Professor HOWELL.

1. Theory and Practice of Pharmacy. This course consists of lectures upon the following subjects, with practical demonstration and the

* Numbers in parentheses indicate the number of hours a week.

employment of proper apparatus whenever necessary: metrology, comminution, heat, evaporation, distillation, sublimation; fusion, calcination, granulation, oxidation, reduction, etc.; solution of solids, liquids and gases; deliquesence, effloresence, etc.; colation, filtration, decolorization, clarification, precipitation, etc.; maceration, expression, infusion, decoction, etc.; percolation, and study of the following: waters, syrups, honeys, glycerites, mucilages, mixtures, spirits, elixirs, liniments, collodions, tinctures, wines, vinegars, and fluid extracts. Text: Remington, *Theory and Practice of Pharmacy*. First year. *Both terms, five hours.*

2. Theory and Practice of Pharmacy. The official forms and preparations of drugs are taken up in detail. Beginning with the inorganic compounds, the salts are considered with regard to their commercial qualities and pharmaceutical uses and preparations. The organic compounds are studied, commencing with the salts of the organic acids and passing to the natural and organic compounds. Second year. *Both terms, five hours.*

3. Lectures on Pharmaceutical Botany. This course is preparatory to the study of Materia Medica, and takes up the study of the flower, the various topics of fruits, seeds, etc., and a careful study of the descriptive terms as applied to leaves, stems and roots. Instruction is given in the gathering and proper mounting of specimens of the official herbs that grow in this vicinity. First year. *Spring term, two hours.*

4. Operative Pharmacy: a practical course with laboratory work. First Year. *Both terms, four hours.*

5. Operative Pharmacy: a continuation of course 4. Second year. *Both terms, eight hours.*

## Materia Medica and Pharmacology

Professor HOWELL.

1. Materia Medica. Lectures on the geographical and botanical sources of drugs; descriptions and uses of the same, together with their official preparation and doses. Opportunity is given to the student to familiarize himself with most of the crude drugs and their

preparations. Text: White and Wilcox. *Fall term, three hours.*

Professor MacNider.

2. Materia Medica and Pharmacology. This course is devoted to the study of the origin and constitution of remedial measures, their preparations and doses; and in particular, their physiological action and the indications for their rational use. Opportunity will be given to students to familiarize themselves with the more important crude drugs and their preparations. Instruction is given by means of lectures, recitations and demonstrations. The lectures intended to accompany the work in Toxicology are given as a part of the course in Materia Medica.

## Physics.

Professor Gore.

Elementary Physics (Physics A). The fundamental facts of Physics are studied with some special attention to heat and electricity. Text-book, lectures, and experiments. Text: Carhart and Chute. First year. *Both terms, two hours.*

## Chemistry.

Professor Herty and Dr. Davis.

1. General Descriptive Chemistry. The elements are studied in a systematic manner. The laws governing their combination, and the compounds resulting, are considered with appropriate reference to their occurrence and relationships to medicine. The latter part of the course is taken up with organic chemistry. Texts: Holleman's *Inorganic Chemistry*, and Remsen's *Organic Chemistry*, supplemented by lectures and quizzes. First year. *Both terms: lectures, three hours; laboratory, two hours (fall term).*

Associate Professor Wheeler and Mr. Randolph.

9. Qualitative Analysis and Toxicology; laboratory work with lectures. The behavior of the elements and their compounds is studied in the laboratory. Practice is given in the analysis of known and unknown mixtures with especial reference to the detection of

poisons and determination of the purity of drugs. Text: Venable and Wheeler's *Qualitative Chemical Analysis* and the instructor's notes. Second Year. *Spring term, three hours.*

## OPTIONAL COURSES.

The following courses are not required of students in Pharmacy but may be elected profitably:

### Physiology.

Professor MANNING.

The study of physiology is begun in the spring term of the first year, during which the physiology of digestion, the digestive glands, blood, respiration, metabolism, excretion, and animal heat is considered in lectures illustrated by experiments. The study is continued in the fall term of the second year by the consideration of the physiology of the muscles and of the nervous system. During this term also the student learns the methods of experimental physiology by means of class work in the laboratory. Texts: *American Text-Book*, Stewart, or Kirke. *Both terms, three hours.*

### Zoology.

Professor WILSON.

General Zoology. An introductory course giving an outline of the classification and structure of animals, with consideration of the fundamentals of histology, embryology, and physiology, and some consideration of biological theories; lectures with laboratory work. Text: Morgan. *Both terms, three hours.*

### Botany.

Associate Professor COKER.

General introduction to Systematic Botany, with special attention to medicinal plants; laboratory and field work with recitations. *Spring term, three hours.*

## Prescription Filling.

Professor HOWELL.

In order that students may gain experience in prescription filling, a course in the practical everyday work of a drug store and in selling poisons and filling prescriptions is given. The prescriptions selected are those that will give the largest amount of practical experience. For this course a fee of ten dollars is required, to cover the cost of ingredients, bottles, labels, etc. *Both terms, at least two hours.*

## Chemistry.

Professor HERTY.

Industrial Chemistry. Lectures. The application of chemistry to the arts and industries. This course includes metallurgy, glass making, pottery, (*fall term*); food, clothing, building materials, explosives, photography, etc., (*spring term*). *Three hours.*

Agricultural Chemistry. Lectures. This course includes the chemistry of the plant and the soil, and the discussion of plant food, etc. Many specimens have been collected in the Industrial Museum to illustrate this course and the preceding one. *Spring term, three hours.*

Dr. DAVIS.

Quantitative Analysis and Assaying. Laboratory work. This course is intended to give the student a thorough grounding in analytical methods and manipulations. *Three hours.*

Professor HERTY.

Quantitative Analysis. Laboratory work. The student in this course is led further into the study and practice of analytical methods. The work may take any special direction desired by him, fitting him to be an agricultural chemist, iron chemist, manufacturing chemist, physician, druggist, or teacher of chemistry. Encouragement is given to the student to make original researches. *Five hours.*

Mr. Perry.

Determinative Mineralogy. Lectures with laboratory work. Dana's Text-Book of Mineralogy. *Two hours.*

### Bacteriology.

Professor MacNider.

The student learns by practical experience the methods of cultivating, staining, and identifying the principal bacteria, and their pathological significance is explained by lectures and demonstrations by inoculation of animals. In this way the chief pathogenic bacteria are studied in pure culture on the various media, after which the methods of obtaining pure culture from mixtures of bacteria are learned. The necessary manipulations are carried out by the students, who thus obtain a practical knowledge of the subject which can be gained in no other way. *Fall term, six hours.*

Students in Pharmacy have also the privilege of attending any of the regular academic courses.

## THE PHARMACEUTICAL LABORATORY.

### Officers.

Edward Vernon Howell, A.B., Ph.G., Director and *Professor of Pharmacy.*

Ira Winfield Rose, *Assistant in the Pharmaceutical Laboratory.*

The rooms of the Pharmaceutical Laboratory are admirably adapted to this purpose. They are conveniently situated on the first floor, are well lighted and well equipped with water, electric lights and gas. To each student is assigned a desk, provided with lock and key, and containing all the apparatus necessary for the every day work of a pharmacist. In the store room is kept a supply of materials for practical work, as well as the apparatus for the more complex operations. Ample space is provided for work at the prescription counter, where practical instruction in the compounding and dispensing of prescriptions is given.

A small deposit fee is required to cover the cost of breakage of apparatus. At the end of the session this fee will be returned, less the amount of breakage.

## OTHER LABORATORIES.

The laboratories of Physics, Chemistry, and Biology are open to students in Pharmacy. These laboratories are all equipped with the most improved apparatus for experimentation and illustration of lectures.

## READING ROOM AND LIBRARY.

The Pharmaceutical Department is provided with a well selected library and with a reading room, inaugurated by the class of 1897, in which are filed a large number of medical and pharmaceutical journals.

In addition to these advantages, students of this department enjoy the privileges of the University reading room, in which are filed all the leading newspapers and magazines, and free access to the University Library, which numbers forty-three thousand volumes and sixteen thousand pamphlets.

# THE UNIVERSITY LIBRARY.

## OFFICERS.

EBEN ALEXANDER, PH.D., LL.D., *Supervisor.*
CHARLES LEE RAPER, PH.D., *Committeeman.*
CHARLES ALPHONSO SMITH, PH.D., LL.D., *Committeeman.*
EDWARD KIDDER GRAHAM, A.M., *Committeeman.*
LOUIS ROUND WILSON, PH.D., *Librarian.*
ROY MELTON BROWN, *Assistant.*
NUMA REID CLAYTOR, *Assistant.*
LUTHER WOOD PARKER, *Assistant.*
BENJAMIN EARL WASHBURN, *Assistant.*
WILEY HASSELL MARION PITTMAN, *Assistant.*

The University Library contains forty-three thousand five hundred and sixty-four volumes and about sixteen thousand pamphlets. The collection of books is being re-classified and re-catalogued according to the Dewey, or decimal system.

The Dialectic and Philanthropic Literary Societies have made a donation of their valuable collections to the Library, and have provided for its perpetual endowment. The official title of the Library is The Library of the University of North Carolina endowed by the Philanthropic and Dialectic Literary Societies.

The funds available for the increase of the Library are expended under the direction of the Supervisor, the Librarian, and the Library Committee, with special reference to the instruction given in the University. The annual increase from purchase, bequests, and exchanges averages about twelve hundred. The books are carefully classified and catalogued by author, subject, and title.

Improvements in the arrangement and administration of the Library

have been made in the direction of better light, more room, and greater efficiency and comfort. The Librarian and the Assistant Librarians are in attendance to give help in any line of research or reading. The reading room is supplied with the best foreign and American periodicals and the leading newspapers of the State and Nation. The students of the University have access, under necessary limitations, to the book-shelves. The The Library and reading room are open on week days from 8:45 A. M. to 1:15 P. M., and from 2:00 P. M. to 5:00 P. M.; on week day evenings, Saturday excepted, from 7:30 P. M. to 9:00 P. M.; on Sunday from 2:45 P. M. to 3:45 P. M.

During the year the Library has been able to increase largely its collections of works in English Philology and Chemistry by means of the Armfield and Cameron Endowments.

Again the University has received the hearty support of the Dialectic and Philanthropic Literary Societies in carrying on the work of Library reorganization.

The University acknowledges other gifts to the Library during the year from the Agricultural and Mechanical College, E. A. Alderman, American Forestry Association, American Museum of Natural History, Atlanta Carnegie Library, Chas. Baskerville, Boston Public Library, Mrs. Bridgers, J. D. Bruner, Wm. Cain, Andrew Carnegie, Carnegie Institution, Charlotte Carnegie Library, Walter Clark, W. C. Coker, Connecticut State Geological Survey, Pierre De Caubertin, Harvard University, Archibald Henderson, L. L. Hobbs, George Howe, Georgia State Geological Survey, Imperial Japanese Commission, Indiana General Assembly, International Geographic Congress, Iowa State Historical Society, Jewish Society of America, John Crerar Library, J. Y. Joyner, Kansas State Historical Society, W. W. Kitchin, Library of Congress, Maryland Bureau of Labor and Statistics, Massachusetts Bureau of Labor and Statistics and State Board of Charities, Michigan Historical Society, New Jersey State Library, New York State Library, North Carolina Government and Officers, Ohio State Historical Society, Pennsylvania Historical Society and Sons of the Revolution, Phi Betta Kappa Chapters of Ohio, Providence Public Library, F. L. Riley, Royal Society of Canada, St. Louis Public Library, Philip Schuyler, C. Alphonso Smith, Smithsonian Institution, State Normal and Industrial College, Trinity College Library, Union Club

of New York City, United States Superintendent of Public Documents and other Federal Officers and Departments, Universal Congress of Lawyers, University of Chicago, F. P. Venable, Vermont State Geological Survey, H. W. Wack, West Virginia Bureau of Labor and Statistics, B. B. Winborne, Wisconsin Historical Society, Yackety Yack Committee, Young Men's Christian Association of America, Advocate of Peace, Alumni Register, American Economist, Case and Comment, Caucasian, Central Presbyterian, Chapel Hill News, Charity and Children, Christian Advocate, Columbia University Quarterly, Duplin Journal, Exchanges of The Tar Heel and of the University Magazine, Fayetteville Observer, Gospel Messenger, Greensboro Record, Harbinger, Herald of Gospel Liberty. Homiletic Review, King's Weekly, Morganton News-Herald, Newton Enterprise, Polk County News, Presbyterian Standard, J. H. Pratt, Progressive Farmer, Raleigh Christian Advocate, Raleigh Evening Times, Religious Herald, Roanoke Chowan Times, Robesonian, Rutherfordton Sun, Salvation, Sampson Democrat, Shelby Aurora, Smithfield Herald, Southern Presbyterian, Statesville Landmark, Sylvan Valley News, Tar Heel, Technology Review, Texas School Journal, Texas Quarterly, Trinity Archive, Twin-City Daily Sentinel, University Magazine, Virginian-Pilot, Webster's Weekly, Weekly Tar Heel, Wilmington Messenger, Winston-Salem Journal, Woman's Home Companion.

# THE WILLIAM PRESTON BYNUM, JR., GYMNASIUM.

ROBERT BAKER LAWSON, M.D., *Director.*
CHARLES DIGBY WARDLAW, *Assistant.*

The William Preston Bynum, Jr., Gymnasium, the gift of Judge William Preston Bynum, in memory of his grandson, William Preston Bynum, Jr., of the class of 1893, is a handsome, two-storied brick building, furnished with modern apparatus, swimming pool, baths, lockers, and running track. It contains also the trophy room and the office of the Instructor in Physical Training.

Exercise in the Gymnasium is required three hours a week of all the students in College except Seniors. A thorough physical examination of each student is made in the fall, and, in case students desire it, another in the spring. The measurements are indicated in a Prescription of Exercise pamphlet and are furnished to the students free of charge in the fall term. This book contains directions for the developing of every part of the body as well as suggestions on hygiene and personal care of the body; it is free from technicalities and confusing terms. Too much importance cannot be attached to the physical examination, since it enables the student to work intelligently and to economize his time. The physical examination is designed to aid the student by pointing out defects, and causing him to direct his efforts toward the correction of them.

# LABORATORIES AND MUSEUMS.

## THE PHYSICAL LABORATORY.

JOSHUA WALKER GORE, C.E., DIRECTOR and *Professor of Physics.*
JAMES EDWARD LATTA, A.M., *Associate Professor of Physics.*
JULIAN COLGATE HINES, JR., B.S., *Assistant in Physics.*

The Physical Laboratory occupies the eastern half of the main floor and almost the whole of the basement floor of the Alumni Building, amounting to about seven thousand square feet of floor space.

The main floor is divided into a lecture room, an apparatus room, laboratory for students in the general course, Physics 1, and a laboratory for X-ray and photometric work.

In the rooms of the basement are located the dynamos, motors, electrical laboratory, electric furnaces, storage battery, and the workshops for wood and metal.

A special appropriation granted by the Legislature in 1903 has made it possible to equip the Physical Laboratory with standard types of electrical machines: dynamos, motors, transformers, meters, switchboard, storage battery, electric furnace, and the accessories, needed for practical instruction in electrical engineering. The facilities for the general teaching of Physics experimentally have likewise been increased.

The electric light and central heating plants constitute valuable adjuncts to the laboratory.

## CHEMISTRY HALL.

CHARLES HOLMES HERTY, PH.D., DIRECTOR and *Smith Professor of General and Industrial Chemistry.*
ALVIN SAWYER WHEELER, PH.D., *Associate Professor of Organic Chemistry.*

*James Edward Mills, Ph.D., *Associate Professor of Chemistry.*
Royall Oscar Eugene Davis, Ph.D., *Instructor in Physical Chemistry.*
Edgar Eugene Randolph, A.B., *Assistant in Chemistry.*
George Andrew Johnston, B.S., *Assistant in Chemistry.*
Risden Tyler Allen, *Assistant in Chemistry.*
Hampden Hill, *Assistant in Chemistry.*

The overcrowded condition of the laboratories and lecture room in Person Hall and the unsatisfactory ventilation of the laboratories made urgent the need for a larger and better arranged building for the Department of Chemistry. These facts, together with complete plans for a new building, were laid before the last Legislature and an appropriation of $50,000 asked. The appropriation was voted, and in a short while the work of construction was under way.

The new building, "Chemistry Hall," is located east of Alumni Hall and north of the New East building, facing west. By the selection of this location good water pressure is assured for all of the laboratories in the building.

The outer walls are of salt and pepper pressed brick laid with black mortar.

The main building, 120 x 68 x 48, comprises a first floor, a second floor, and a commodious basement. Adjoining this main building and to the rear of the center is the lecture room, 41 x 62 x 22.

To the right on entering the main building are the office and the private laboratory of the Director, the Department library, and a small lecture room; to the left are the office and private laboratory of the Associate Professor, a large laboratory for organic chemistry, containing locker desks for twenty-four students, and a combustion room.

On the rear or east side of the first floor are the laboratories for quantitative analysis, thirty-two desks, and adjacent fume room, advanced quantitative analysis, twenty-four desks, and technical chemistry, six desks. At each end of the corridor, which traverses the full length of the building, are balance rooms.

On the second floor are the laboratories for general chemistry, sixty-six desks, qualitative analysis, sixty desks, physical chemistry, eight desks,

* Absent on leave, 1905-1906.

electro chemistry, eight desks, a research laboratory, sixteen desks, a laboratory for physiological chemistry, forty-eight desks, a fume room, and a small lecture room. At the ends of the corridor on the second floor are a balance room, preparation room, and a dark room for spectroscopic work.

In the basement are the assay laboratory, rooms for gas machine, electric furnace, technical chemistry, constant temperature, a photographic dark room, a carpenter shop, store room for heavy chemicals, and a large stock room for chemicals and apparatus. From this stock room material is supplied to each floor of the building by an elevator.

Each laboratory is furnished with ample fume closets for the removal of noxious gases, while pivoted window sash insure proper ventilation of the rooms.

The entire building is heated by hot water from the central system of the University.

The main entrance hall leads direct to the lecture room, which is well lighted by high arched windows and has a seating capacity of two hundred, which can be increased somewhat as need requires To the rear of the lecture room are a preparation room and a museum for specimens of typical chemicals, minerals, and products illustrating the various phases of chemical industries. Above these two last rooms is a small room for filing charts, diagrams, etc., used in illustrating lectures.

## THE BIOLOGICAL LABORATORY AND MUSEUM.

Henry Van Peters Wilson, Ph.D., Director and *Professor of Zoology.*
William Chambers Coker, Ph.D., *Associate Professor of Botany.*
William Herbert Kibler, *Assistant in Zoology.*
Benjamin Franklin Royal, *Assistant in Zoology.*
Theophilus Parker Cheshire, *Assistant in Zoology.*
Hugh White McCain, *Assistant in Zoology.*

The Biological Laboratory occupies the fourth floor and a part of the third floor of the New East Building, and includes a lecture room, a main laboratory, three smaller laboratories for advanced students in Zoology and

Botany, two private workrooms, and a storeroom. The entire floor space is something over four thousand square feet.

The equipment is especially adapted to the needs of modern microscopical work, and includes compound and dissecting microscopes, microtomes, parafin and hot air baths, incubator, camera lucidas, immersion lenses, etc. All rooms in the laboratory are supplied with running water. In addition to the sinks, there are several large acquarium tables in which living animals may be kept for breeding purposes, study of their habits, or class work.

The museum collections are arranged in cases in the main laboratory. The marine fauna of the Atlantic coast is well represented. There are very serviceable collections of bird skins, bird eggs, insects, algae, and flowering plants. Students engaged in advanced zoological work have access to microscopic preparations, illustrating the classification, anatomy, and development of sponges and corals, the histology of medusae, the development of amphibia and teleosts, and other subjects of morphological interest. Students of Botany have the use of many preparations illustrating the anatomy and embryology of plants. The departmental library includes many valuable books of reference, treatises, zoological and botanical journals.

## THE GEOLOGICAL LABORATORY AND MUSEUM.

Collier Cobb, A.M., Director and *Professor of Geology and Mineralogy.*
Joseph Austin Holmes, S.B., *State Geologist, Professor of Mining Geology.*
Joseph Hyde Pratt, Ph.D., *Professor of Economic Geology.*
Edwin Bedfor Jeffress, *Assistant in Geology.*
Bennett Hester Perry, *Assistant in Geology.*

The Geological Laboratory occupies the first floor of the New East Building. In addition to a lecture room with a seating capacity of about ninety, there is a large laboratory supplied with working collections of minerals, rocks and fossils, and with photographs, maps, and models illustrating geological structure. The laboratory is furnished with two petrographical microscopes, and with apparatus for the slicing and polishing of rocks. Microscopic slides have been made of most of the specimens from North

Carolina; and the department has, also, sections of the typical European rocks. Sections of the rocks around Chapel Hill, and the igneous rocks of the Boston Basin, made by the late Hunter Lee Harris, of the class of 1889, were given to the geological department. A room for photographic work has recently been added.

The University possesses a collection of more than two thousand specimens of building stones, coals, and various products illustrating the economic geology of the State. These are arranged in an exhibition room of six hundred and fifty square feet of floor space. Here are kept also the sections taken with a diamond drill in the coal regions of Pennsylvania, in the region around King's Mountain, where the Summer School of Geology held its sessions, in the Dan River coal fields and in the Triassic Rocks at Durham, N. C. A complete set of the ores of the precious metals found along the line of the Atchison, Topeka, and Santa Fé Railroad is included in the collection. Valuable additions have been made to the collections of fossils also, affording increased opportunity for laboratory work in historical geology and palaeontology. The collection illustrating economic geology has been largely increased.

The department library, which occupies a room adjoining the exhibition room, is supplied with State and United States Reports, the papers of working geologists, the best works upon Geology, and scientific periodicals.

# THE UNIVERSITY ORGANIZATIONS.

## THE DIALECTIC AND PHILANTHROPIC LITERARY SOCIETIES.

The Dialectic and Philanthropic Literary Societies were organized in 1795, the year of the opening of the University. Their existence has been inseparably linked with that of the University, and they have shown remarkable power in developing character as well as in training the intellect. They offer facilities for practice in debate, oratory, declamation, and essay writing; and their members become practically familiar with parliamentary law and usage.

Each society owns a large, handsomely furnished hall, the walls of which are hung with oil portraits of illustrious members. Meetings are held by each society every Saturday evening during the college year, admission being confined to members. Public contests in debate between the two societies are conducted twice a year, and, in addition to these, there is a system of intercollegiate debates. On Monday evening of Commencement week the Inter-society Banquet is held, after which each society has its annual reunion. On Tuesday evening preceding Commencement Day four representatives elected from the two societies have a public competition in debate, and a prize is awarded to the successful competitors.

By immemorial custom, students from the eastern half of the State usually join the Philanthropic Society, while those from the western half join the Dialectic Society. Although membership in the Societies is entirely optional, yet it is earnestly recommended by the Faculty as furnishing unusual opportunities not only for literary culture, but also for the development of self-control and the power to persuade and control others.

## THE ELISHA MITCHELL SCIENTIFIC SOCIETY.

HENRY VAN PETERS WILSON, PH.D., *President.*
ARCHIBALD HENDERSON, PH.D., *Vice-President.*
FRANCIS PRESTON VENABLE, PH.D., D.SC., LL.D., *Permanent Secretary and Treasurer.*
ALVIN SAWYER WHEELER, PH.D., *Recording Secretary.*

The Elisha Mitchell Scientific Society holds monthly meetings during the college year for the discussion of scientific subjects. A Journal, which is the official organ of the North Carolina Academy of Science, is issued quarterly. The object of the Society is to encourage scientific research and to record such matters as pertain to the natural history of the State. The membership is at present restricted to the Faculty and students of the University, and members of the staff of the Geological Survey.

At the monthly meetings, which are ordinarily held on the second Tuesday of each month, excellent opportunities are afforded the students to get beyond the ordinary routine of the class room by hearing, reading, and discussing papers on scientific subjects.

The Journal is in a measure a bulletin of the scientific laboratories of the University, and contains many articles written by research students. It is now in the twenty-first year. The volumes already issued contain twenty-two hundred pages. By the exchange of the Journal with more than three hundred scientific journals and periodicals, over ten thousand books and pamphlets have been collected, all of which are arranged in the University Library.

## NORTH CAROLINA HISTORICAL SOCIETY.

KEMP PLUMMER BATTLE, LL.D., *President.*
CHARLES LEE RAPER, PH.D., *Vice-President and Permanent Secretary.*
MARCUS CICERO STEPHENS NOBLE, *Treasurer.*
JOSEPH WALTER HAYNES, *Recording Secretary.*

The North Carolina Historical Society was founded in 1833 by Governor David L. Swain. When Governor Swain became president of the Univer-

sity, the Society was moved from Raleigh to Chapel Hill. Under his leadership it became the centre of historical work in the State and the medium of many notable contributions to the history of the State. On March 22, 1875, through the activity of Kemp Plummer Battle, LL.D., the Society was chartered by an act of the General Assembly. The purpose of the Society is to collect, classify, and publish material illustrative of the history of the State. The Society possesses a valuable collection of books, pamphlets, manuscripts, newspaper files, coins, and other subjects of historic interest. The educational aim of the Society is to create a love for historical study and to give training in scientific methods of historical investigation. To this end meetings are held monthly in the History lecture room, at which papers, based on original research, are read and discussed. All members of the University are eligible to membership.

## THE SHAKSPERE CLUB.

THOMAS HUME, D.D., LL.D., *President.*
NUMA REID CLAYTOR, *Vice-President.*
ROY MELTON BROWN, *Secretary.*

The Shakspere Club was organized in October, 1885, for the special purpose of giving impulse and guidance to scholarly investigation of the great dramatist. But an important aim was to offer opportunity for comparative studies in the dramatic literature of ancient and modern languages, and also to excite interest in the art of literary composition. Seminary methods are pursued by advanced students, and the results are presented in papers. The Club has a small but valuable collection of special reference books. Meetings are held monthly.

## THE PHILOLOGICAL CLUB.

EDWARD KIDDER GRAHAM, A.M., *President.*
WALTER DALLAM TOY, A.M., *Vice-President.*
LOUIS ROUND WILSON, PH.D., *Secretary and Treasurer,*

The Philological Club meets on the first Tuesday evening of each month during the college year. Its membership consists of the instructors and advanced students in the language departments of the University. The object of the Club is to stimulate original investigation in philology and to afford an opportunity for the interchange of views on subjects relating to such work. At each meeting papers are read and discussed. All persons interested in the work of the Club are invited to attend its meetings.

## THE ECONOMICS SOCIETY.

CHARLES LEE RAPER, PH.D., *President.*
JOSEPH WALTER HAYNES, *Secretary.*

The Economics Society, to which any advanced student of Economics and Finance may belong, meets monthly for the discussion of Southern industrial problems.

No other section of the United States has so many important and interesting economic problems to solve as the Southern States at the present time. The Economics Society was organized under the conviction that the intelligent Southern man is the one upon whom the solution of these problems rests

The following are some of the problems which have been considered during the current year: The South as a place of manufactures; Southern white labor and the means of increasing it; Southern negro labor and its economic prospects; Southern wages; Southern labor unions; Child labor in Southern factories.

## THE MODERN LITERATURE CLUB.

CHARLES ALPHONSO SMITH, PH.D., LL.D., *President*
JOHN KENYON WILSON, A.B., *Vice-President.*
VICTOR LEE STEPHENSON, *Secretary and Treasurer.*

In December, 1904, the Modern Literature Club was formed. It is com-

posed of the members of the Faculty and student body who are interested in modern literary movements, and who signify their willingness to read original papers at the monthly meetings of the Club. This organization fills a niche in University life and has already vindicated the wisdom of its founders.

## YOUNG MEN'S CHRISTIAN ASSOCIATION.

GEORGE FERREE LEONARD, *President.*
ERNEST CLYDE HERRING, *Vice-President.*
EUGENE CLARENCE JUDD, *Recording Secretary*
ARTHUR FLOURNOY JACKSON, *General Secretary.*

The Young Men's Christian Association is a voluntary organization of the students of the University, and is entirely under student management. The Faculty are heartily in sympathy with the Association, and render service whenever requested to do so.

"The object of this Association is to unite all students who desire to strengthen the spiritual life and influence of the University; to promote growth in Christian character and fellowship, and aggressive Christian work, especially by and for students; to train its members for Christian service; and to lead them to devote their lives to Jesus Christ where they can accomplish the most for the extension of the Kingdom of God."*

The Association is now erecting on the campus a building which is to cost about twelve thousand dollars.

The work of the Association embraces regular and special religious meetings, Bible and mission study courses, special work for new students, and neighborhood work.

About one hundred and seventy-five students are enrolled this session in Bible classes led by members of the Association. During the next session six Bible courses and four mission courses will be offered as follows:

* Article II, Constitution of the Young Men's Christian Association of the University of North Carolina.

## Bible Courses.

Messrs. McLean, W. D., D'Alemberte, Gardner, Jenkins, Newton, Noble, Robins, Huske, Bryant, Osborne, H. P., Secrest, Umstead, J. W., Keiger, and Jones, W. H.

1. Studies in the Life of Jesus Christ (Bosworth).

   Based upon the Gospels by Mark and John with briefer surveys of the Gospels by Matthew and Luke.

Messrs. Graham and Grier.

2. Studies in the Life of Christ (Sharman).

   Historical and devotional in character, and based upon The Harmony of the Gospels.

Messrs. Day, R. C., Upchurch, W. M., Parker, J. A., Judd, and Hunter.

3. Studies in the Acts and Epistles (Bosworth).

   A standard course intended to follow the Life of Christ.

Messrs. Smoot, Pittman, Fore, and Withers.

4 Studies in Old Testament Characters (White).

   A study of the life and work of the Old Testament Heroes.

Messrs. Love, Hughes, H. H., and Sloan.

5. Studies in the Teaching of Jesus and His Apostles (Bosworth).

   A topical study of Christian teaching, adapted to advanced classes.

Professor Battle.

6. Old Testament Characters.

   Lectures on Sunday, in the University Chapel, 9–9:30 A. M.

Courses 1, 2, 3, 4, and 5 are arranged for daily studies for thirty weeks, the groups meeting once each week, nearly all of them on Sunday, 12:30–1:15 P. M. Courses 1 and 2 are recommended for systematic Bible study.

## Mission Courses.

Messrs. Leonard and Hester.

1. The New Era in the Philippines (Brown).

Messrs. CLAYTOR, BYERLY, and HIGHSMITH.

2. The Regeneration of Japan (Cary).

Mr. ROSS.

3. Medical Missions (Williamson).

Mr. GRAY.

4. Effective Workers in Needy Fields.

# ONE HUNDRED AND TENTH COMMENCEMENT (1905).

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## SUNDAY, MAY 28.

BACCALAUREATE SERMON.

The Reverend Charles S. Gardner, D.D.

SERMON BEFORE THE YOUNG MEN'S CHRISTIAN ASSOCIATION.

The Reverend William Meade Clark, D.D.

## TUESDAY, MAY 31.

THE ALUMNI ADDRESS.

Hon. Charles R. Thomas, Class of '81.

THE DEBATE BY REPRESENTATIVES FROM THE DIALECTIC AND PHILANTHROPIC LITERARY SOCIETIES.

| *Dialectic.* | *Philanthropic.* |
|---|---|
| William Henry Lee Mann, | James Stevens Kerr, |
| Victor Lee Stephenson. | John Archibald Parker. |

## WEDNESDAY, MAY 31, COMMENCEMENT DAY.

SENIOR SPEAKERS.

| | |
|---|---|
| Walter Kenneth Perrett, | Isaac Clark Wright, |
| Judge Buxton Robertson, | Henry Stewart Lewis. |

THE COMMENCEMENT ADDRESS.

Hon. Henry Sherman Boutell.

## DEGREES IN COURSE.

### Bachelors of Arts.

Samuel Bell Boone,
Lindo Brigman,
Claiborn MacDowell Carr,
Walter Francis Cole,
Francis Augustus Cox,
James Shepard Duncan,
Charles James Hendley,
Thomas Bragg Higdon,
Jasper Victor Howard,
Hamilton McRary Jones,
Stroud Jordan,
Albert Hill King,
Roger Gregory Lewis,
Frank McLean,
Leonard Walker Matthews,
Austin Flint Nichols,
George Lucas Paddison,
Otho Bescent Ross,
Louis Gustavus Rountree,
George Currie Singletary,
Newman Alexander Townsend,
Charles Manly Walters,
George Thomas Whitaker,
John Kenyon Wilson,
Isaac Clark Wright.

### Bachelors of Philosophy.

William Gray Amick,
Charles Carroll Barnhardt,
James Frederick Brower,
William Cecil Cathey,
John Robert Cox,
Hubert Barnard Gudger,
Julia Hamlet Harris,
Hubert Benbury Haywood,
Penlie Briscoe Ledbetter,
Charles Walter Miller,
Andrew Jackson Moore,
Albert Morris Noble, Jr.,
Walter Kenneth Perrett,
Rex William Perry,
Judge Buxton Robertson,
Paul Hamilton Rogers,
Charles Henry Sloan,
William Miller Wilson,
Clement Wrenn.

### Bachelors of Science.

Harry Ardell Allard,
Henry Wiley Davis,
Julian Colgate Hines, Jr.,
Laughlin McLeod Kelly,
Robert Gilliam Lassiter,
Henry Stewart Lewis,
George Mallett MacNider,
James Bumgardner Murphy,
Kemp Battle Nixon,
Robert Primrose Noble,
Wade Hampton Oldham,
Henry Hyman Phillips,
William Thomas Shore,
George Leary Tabor,
John Joyner Tyson,
Henry Venable Worth.

### Bachelors of Laws.

Walter Clark, Jr.,
William Russell Clegg,
Preston Sims Cotten,
Edward Holden Farris,
Joseph Brauner Gilmer,
Vanno Lamar Gudger,
Harry McMullan.

### Graduates in Pharmacy.

James Mack Cutchins, Jr.,
Clarence Flagler,
Leonidas Coleman Griffin,
Alvis Patterson.

### Masters of Arts.

Virgil Clayton Daniels,
William Picard Jacocks,
Mabell Shippie Clarke Pelton,
Marion Timothy Plyler,
John Henry Vaughan,
Albert Carlton Whitehead,
Isaac Clark Wright.

### Doctor of Philosophy.

Louis Round Wilson.

*Doctors of Medicine.

Charles Everett Conwell,
Quinton Henry Cooke,
John Bensell Crammer,
John Donnelly,
Mont Royal Farrar,
Joseph Newitt Moore,
Leone Burns Newell,
Ralph Saunders Stephens,
Lorenzo Stevenson Webb.

## MEDALS, PRIZES, AND FELLOWSHIPS.

The Holt Medal: Robert Henry McLain.

The Literary Essay Medal: George Lucas Paddison.

The Harris Prize: Vernon Albert Ward.

The Greek Prize: John Johnston Parker and Percy Hoke Royster.

The Worth Prize: Otho Bescent Ross.

The Magazine Prizes: Thomas Bragg Higdon and Quincey Sharpe Mills.

The Early English Text Society Prize: William Stanly Bernard.

The Hunter Lee Harris Prize: Quincey Sharpe Mills.

The Bingham Prize: James Stevens Kerr.

The Brett Prize: Charles Hassell and William Thomas Shore.

The Bryan Prize: Newman Alexander Townsend.

The Thomas Hume Prize: Julia Hamlet Harris and Louis Round Wilson.

The Hill Fellowship in History: John Henry Vaughan.

The Toch Fellowship in Chemistry: Charles Wigg Martin.

The Mangum Medal: Judge Buxton Robertson.

## CERTIFICATES.

Chemistry: V. C. Daniels, L.McL. Kelly, C. W. Miller.

Biology: W. G. Amick, A. F. Nichols.

* Degrees conferred May 4, 1905, at the closing exercises of the Medical Department.

ENGLISH: J. R. Cox, R. G. Lewis.
FRENCH: W. C. Cathey, J. R. Cox, H. S. Lewis, C. Wrenn.
GERMAN: F. McLean.
MATHEMATICS: J. C. Hines, Jr., R. H. McLain, F. M. Weller.
LATIN: F. McLean.
HISTORY: K. B. Nixon.
PEDAGOGY: G. L. Tabor.
PHYSICS: J. C. Hines, Jr., F. M. Weller.

# STUDENTS (1905-1906).

## GRADUATES.

| NAME. | YEAR. | RESIDENCE. |
|---|---|---|
| Bernard, William Stanly. | *Fifth.* | Chapel Hill. |
| A.M., 1904. Greek, Latin, English. Candidate for Ph.D. | | |
| Brown, David Robert, | *First,* | Springfield, S. D. |
| E.M., Lafayette College, 1903. Mathematics. | | |
| Carmichael, William Donald, Jr., | *Second,* | Durham. |
| Ph.B., 1897. | | |
| Cobb, John Turrentine, | *First,* | Elon College. |
| A.B., Elon College, 1899. English. Economics, Philosophy. Candidate for A.M. | | |
| Connor, Robert Diggs Wimberly, | *Third,* | Wilmington. |
| Ph.B., 1899. History, Latin, English. Candidate for A.M. | | |
| Crowell, George Henry, | *Fourth,* | High Point. |
| Ph.B., 1892. History, English, Latin. Candidate for A.M. | | |
| Daniels, Virgil Clayton. | *Second,* | Oriental. |
| Ph.B., 1904; A.M., 1905. | | |
| Grainger, James Moses, | *First,* | Knoxville, Tenn |
| A.B., University of Cincinnati, 1905. English, German, Zoology | | |
| Hickerson, Thomas Felix. | *First,* | Ronda. |
| Ph.B., 1904. Mathematics. | | |
| Hines, Julian Colgate, Jr., | *First,* | Morven. |
| B.S., 1905. Mathematics, Physics. | | |
| Johnston, George Anderson, | *First,* | Chapel Hill. |
| B.S., 1904. Chemistry, Physics. | | |
| McCanless, Walter Frederick, | *Second,* | Trinity. |
| Ph.B , 1904. English, Pedagogy, German, History. Candidate for A.M. | | |
| McKie, George McFarland,, | *Fifth,* | Chapel Hill. |
| Graduate Emerson School of Oratory. German, English, Mathematics, Latin. | | |

McLean, Frank, *First*, Maxton.
A.B., 1905. German.

Miller, Claude Lee, *Second*, Shelby.
Ph.B., 1900. Chemistry, Geology.

Morrow, Rufus Clegg, *First*, Oaks.
A.B., 1903. Mathematics, German, English. Candidate for A.M.

Plyler, Marion Timothy, *Second*, Chapel Hill.
A.B., Trinity College, 1892; A.M., 1905. English, Philosophy, History.

Randolph, Edgar Eugene, *Second*, Charlotte.
A.B., 1904. Chemistry, English, Geology. Candidate for Ph.D.

Rankin, Willie Calvin, *First*, Whitsett.
A.B., 1904.

Roberts, John Wesley, *First*, Hertford.
Ph.B., Elon College, 1893; Ph.B., Univ. of N. C., 1901. History, English, Pedagogy.

Ross, Otho Bescent, *First*, Charlotte.
A.B., 1905. Philosophy, English, History. Candidate for A.M.

Strowd, Thomas Wilson, *Second*, Chapel Hill.

Team, Benjamin Goss, *First*, Camden, S. C.
A.B., Davidson College, 1904.

Underhill, Wingate, *Second*, Kinston.
A.B., 1897.

Walker, Nathan Wilson, *First*, Chapel Hill.
A.B., 1903. English, History. Candidate for A.M.

Wright, Robert Herring, *Second*, Baltimore, Md.
B.S., 1897.

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## Senior Class.

Abernethy, Eric Alonzo, *Sci.*, Chapel Hill.
M.D., 1901, University College of Medicine; M.D., 1903, George Washington University.

Abernethy, LeRoy Franklin, *Sci.*, Hickory.
B. Agr., N. C. A. & M. College, 1905.

Allen, Daisy Burrows, *Chem.*, Louisburg.

Attmore, George Sitgreaves, *Arts*, Stonewall.

Bahnson, Agnew Hunter, *Phil.*, Winston-Salem.

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|---|---|---|
| Blackwelder, Barrie Bascom,<br>A.B., Lenoir College, 1905. | *Arts*, | Hickory. |
| Brown, Roy Melton, | *Arts*, | Boone. |
| Burwell, Edmund Strudwick, | *Phil.*, | Charlotte. |
| Calder, Robert Edward, | *Sci.*, | Wilmington. |
| Cheshire, Theophilus Parker, | *Arts*, | Tarboro. |
| Claytor, Numa Reid, | *Arts*, | University. |
| Crawford, Frederic Mull, | *Arts*, | Reidsville. |
| Dalton, Archie Carter, | *Arts*, | Greensboro. |
| Drane, Frank Parker, | *Arts*, | Edenton. |
| Emerson, Horace Mann, Jr., | *Sci.*, | Wilmington. |
| Fitzgerald, James, Jr.,<br>A.B., Guilford College, 1905. | *Arts*, | Pelham. |
| Goslen, Junius Blake, | *Arts*, | Winston-Salem. |
| Grimes, William Lawrence, | *Sci.*, | Lexington. |
| Henry, Ray, | *Arts*, | Lilesville. |
| Johnson, Annie Susan, | *Arts*, | Lumber Bridge. |
| Jones, Hamilton Chamberlain, | *Arts*, | Charlotte. |
| Jones, Walter Raleigh, | *Arts*, | Mount Airy. |
| Kerr, James Stevens, | *Arts*, | Clinton. |
| Kibler, William Herbert, | *Arts*, | Morganton. |
| Lambertson, Brownie Augusta, | *Arts*, | Rich Square. |
| Littleton, Henry Ward, | *Phil.*, | Albemarle. |
| Love, Walter Bennett, | *Arts*, | Monroe. |
| McCain, Hugh White, | *Arts*, | Waxhaw. |
| McCulloch, Rufus William,<br>A.B., Guilford College, 1903. | *Arts*, | Burlington. |
| McDiarmid, Hector McKinnon, | *Arts*, | Raeford. |
| McLain, Robert Henry, | *Arts*, | Concord. |
| Mann, William Henry Lee, | *Arts*, | Saxapahaw. |
| Martin, Charles Wigg, | *Chem.*, | Portsmouth, Va. |
| Miller, Thomas Grier, | *Arts*, | Statesville. |
| Nicholson, Samuel Timothy, | *Arts*, | Bath. |
| Parker, John Archibald, | *Phil.*, | Duke. |
| Perry, Bennett Hester, | *Phil.*, | Henderson. |
| Pogue, Joseph Ezekiel, Jr., | *Arts*, | Raleigh. |
| Reynolds, Robert Rice, | *Sci.*, | Asheville. |

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|---|---|---|
| Royal, Benjamin Franklin, | *Arts*, | Morehead City. |
| Rudisill, Jacob Andrew, | *Arts*, | Cherryville. |
| A.B., Lenoir College, 1905 | | |
| Seagle, Perry Edgar, | *Arts*, | Hendersonville. |
| Stephenson, Victor Lee, | *Arts*, | Statesville. |
| Upchurch, William Merriman, | *Arts*, | Morrisville. |
| Washburn, Benjamin Earl, | *Arts*, | Rutherfordton. |
| Wellér, Francis Marshall, | *Sci.*, | Norfolk, Va. |
| Wiggins, John Carroll, | *Arts*, | Suffolk, Va. |
| Winborne, John Wallace, | *Arts*, | Tyner. |
| Wood, John Gilliam, Jr., | *Phil.*, | Edenton. |

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JUNIOR CLASS.

| | | |
|---|---|---|
| Abernethy, Benjamin Scott, | *Arts*, | Chapel Hill. |
| Allen, Risden Tyler, | *Arts*, | Wadesboro. |
| Aycock, Jesse Barden, | *Arts*, | Fremont. |
| Barker, William Jefferson, | *Sci.*, | Wooten. |
| Bennett, Junius White, | *Arts*, | Reidsville. |
| Brinkley, Lonn Leland, | *Arts*, | Elm City. |
| Cannon, Clarence Victor, | *Arts*, | Ayden. |
| Cole, Ernest Leach, | *Arts*, | Carbonton. |
| Connor, Edwin Erwin, | *Arts*, | Mars Hill. |
| Cummings, Michael Penn, | *Arts*, | Reidsville. |
| D'Alemberte, James Herron, | *Arts*, | Pensacola, Fla. |
| Day, Roby Council, | *Arts*, | Chapel Hill. |
| Dickson, Thomas Wyatt, | *Arts*, | Raeford. |
| Douthit, Jacob Benton, | *Sci.*, | Clemmons. |
| Duls, William Henry, | *Arts*, | Wilmington. |
| Farabee, Samuel Howard, | *Sci.*, | Winston-Salem. |
| Gillam, Francis, | *Arts*, | Windsor. |
| Hall, Bolling, | *Arts*, | Waynesville. |
| Hardin, Oscar Lawrence, | *Arts*, | Blowing Rock. |
| Hardison, Robinson Battle, | *Arts*, | Morven. |
| Haynes, Joseph Walter, | *Arts*, | Asheville. |
| Haywood, Thomas Holt, | *Phil.*, | Haw River. |

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|---|---|---|
| Herring, Ernest Clyde, | *Phil.*, | Garland |
| Hester, Francis Eugene. | *Arts*, | Raleigh. |
| Hicks, Oscar Vernon, | *Arts*, | Goldsboro. |
| Highsmith, Edwin McKoy. | *Phil.*, | Kerr. |
| Hill, Hampden. | *Arts*, | Goldsboro. |
| Hill, Hubert, | *Sci.*, | Raleigh. |
| Houck, William Arthur. | *Arts*, | Statesville. |
| Hoyle, Ambrose Hill, | *Phil.*, | Lawndale. |
| Hughes, Harvey Hatcher. | *Arts*, | Yorkville, S. C |
| Hughes, Norman, Jr., | *Arts*, | Jackson. |
| Hunter, William Shearer, | *Arts*, | Lexington. |
| Hutchison, Andrew Cleveland, Jr., | *Opt.*, | Charlotte. |
| Hutchison, Francis, | *Arts*, | Charlotte. |
| James, James Burton, | *Phil.*, | Greenville. |
| Jeffress, Edwin Bedford, Jr., | *Arts*, | Canton. |
| Jenkins, William Adrian, | *Arts*, | Colerain. |
| Katzenstein, Charles, | *Arts*, | Warren Plains. |
| Keel, Charles Herbert, | *Arts*, | Mount Olive |
| Leonard, George Ferree. | *Arts*, | Lexington. |
| Linn, Stahle, | *Phil.*, | Salisbury. |
| McAden, James Thomas, | *Arts*, | Raleigh. |
| McGowan, William Tillman. | *Arts*, | Swan Quarter. |
| McLean, William DeRoy, | *Arts*, | Sedalia. |
| Mills, Quincey Sharpe, | *Arts*, | New York City. |
| Morrison, Allen Turner, | *Arts*, | Asheville. |
| O'Berry, Thomas, | *Arts*, | Goldsboro. |
| Palmer, John Brame, | *Arts*, | Macon. |
| Parker, John Johnston, | *Arts*, | Monroe. |
| Parker, Luther Wood, | *Arts*, | Hertford. |
| Pemberton, John de Jarnette. | *Arts*, | Raleigh. |
| Pittman, Wiley Hassell Marion, | *Arts*, | Macclesfield. |
| Rankin, Samuel Wharton, | *Arts*, | Concord. |
| Robinson, John Moseley, | *Phil.*, | Goldsboro. |
| Robinson, William Smith O'Brien, Jr., | *Phil.*, | Goldsboro |
| Sharpe, Charles Cleveland, | *Arts*, | Greensboro. |
| Sidbury, Kirby Cleveland, | *Arts*, | Holly Ridge. |

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|---|---|---|
| Sloan, Henry Lee. | *Arts.* | Ingold. |
| Spruill, James Franklin. | *Phil.*, | Oriental. |
| Stem, Frederick Boothe. | *Chem.*, | Darlington, S. C. |
| Story, Romy. | *Arts.* | Blowing Rock. |
| Sutton, Thomas Howey, Jr. | *Arts.* | Fayetteville. |
| Tillett, Duncan Patterson. | *Arts.* | Charlotte. |
| Weill, Charles Louis. | *Arts.* | Rockingham. |
| Williams, Victor. | *Arts.* | Weaverville. |
| Winborne, Stanly. | *Phil.*, | Murfreesboro. |

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SOPHOMORE CLASS.

| | | |
|---|---|---|
| Andrews, Thomas Wingate, | *Arts*, | Chapel Hill. |
| Bailes, John J., | *Arts*, | Fort Mill, S. C. |
| Ballance, Harry Bryant, | *Arts*, | Fremont. |
| Banks, Benjamin Leonidas, Jr., | *Elect. Law.*, | Elizabeth City. |
| Boyce, Wood Lowry, | *Arts*, | Selwin. |
| B.S., Valparaiso College, 1904. | | |
| Boylan, William Montfort, | *Arts*, | Raleigh. |
| Bray, Emmett Perleyman, | *Arts*, | Velna. |
| Bridgers, Robert Rufus, | *Arts*, | Wilmington. |
| Britt, Wade Hampton, | *Arts*, | Newton Grove. |
| Brown, Cecil Bayard, | *Arts*, | Philadelphia, Tenn. |
| Burns, Roy Pritchard, | *Arts*, | Wadesboro. |
| Byerly, Edward Cleveland, | *Arts*, | Advance. |
| Carson, Roberts Poinsett, | *Arts*, | Spartanburg, S. C. |
| Chatham, Raymond Hunt, | *Arts*, | Elkin. |
| Cobb, Edgar Whitson Schearer, | *Opt.*, | Sedalia. |
| Cobb, John Daniel Franklin, | *Arts*, | Sedalia. |
| Coghill, Julian Baxter. | *Arts*, | Henderson. |
| Connor, Hubert Bascomb, | *Arts*, | Mars Hill. |
| Coughenour, William Chambers, Jr., | *Arts*, | Salisbury. |
| Coward, John Holaday, | *Arts*, | Ayden. |
| Daniels, Frank Borden, | *Arts*, | Goldsboro. |
| Davis, James Blaine, | *Arts*, | Clemmons. |
| Davis, William Barham, | *Arts*, | Warrenton. |

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| Day, Jerry, | *Arts*, | Blowing Rock. |
| Dunlap, Frank Lemuel, | *Elect. Law*, | Wadesboro. |
| Dunlap, Fleetwood Ward, | *Arts*, | Ansonville. |
| Eagles, Theophilus Randolph, Jr., | *Arts*, | Fountain. |
| Elliott, Fred, | *Arts*, | Charlotte. |
| Emerson, William Parsley, | *Arts*, | Wilmington. |
| Fore, James Albert, Jr., | *Arts*, | Charlotte. |
| Fountain, George Marion, | *Arts*, | Tarboro. |
| Frazier, Arthur Marsh, | *Arts*, | Salisbury. |
| Gardner, William Seviere, | *Arts*, | Burnsville. |
| Giddings, Joseph Emmet, | *Arts*, | Mount Olive. |
| Goodman, Jesse Portland, | *Teach.*, | Barber. |
| Gray, James Alexander, Jr., | *Arts*, | Winston-Salem. |
| Greenwood, Adolphus Barte, | *Arts*, | Barnardsville. |
| Gunter, Herbert Brown, | *Arts*, | Sanford. |
| Haley, Paul James Stephen, | *Arts*, | New York, N. Y. |
| Harllee, Edgar Cooley, | *Arts*, | Greensboro. |
| Harper, George Vernon, | *Arts*, | Charlotte. |
| Harris, Benjamin Franklin, | *Elect. Law*, | Henderson. |
| Hassell, Calvin Woodard, | *Arts*, | Williamston. |
| Hester, John William, | *Arts*, | Hester. |
| Hines, Thomas McEntyre, | *Arts*, | Rocky Mount. |
| Hocutt, John Bunyan, | *Arts*, | Chapel Hill. |
| Huffman, Frederick Lafayette. | *Arts*, | Morganton |
| Hunter, Louis Jones, | *Chem.*, | Charlotte. |
| Hurt, Charles Elmer, | *Arts*, | Rusk. |
| Jackson, John Quincy, | *Arts*, | Wilson. |
| Judd, Eugene Clarence, | *Arts*, | New Hill. |
| Laughinghouse, Edward. | *El. Eng.*, | Greenville. |
| Lee, Henry Pipkin, | *Arts*, | Reynoldson. |
| Littleton, Thomas Jerome, | *Arts*, | Albemarle. |
| Logan, Simon Rae, | *Arts*, | Stevensville, Mont. |
| Lyle, Samuel Harley, Jr., | *Arts*, | Franklin. |
| McLain, James Howard, | *Arts*, | Concord. |
| Malone, Edmund Lucien, | *Arts*, | Washington. |
| Mann, Joseph Spencer, | *C.E.*, | Fairfield. |

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| Moore, James Logan, | *Arts*, | Ellijay. |
| Moore, Walter McDowell, | *Arts*, | Granite Falls. |
| Moser, William Dexter, | *Arts*, | Rock Creek. |
| Moss, Zebulon Vance, | *Arts*, | Pennington. |
| Muse, Basil Gantt, | *Arts*, | Rocky Mount. |
| Newell, Eugene Joseph, | *Arts*, | Mapleville. |
| Newton, David Zero, | *Arts*, | Lincolnton |
| Nichólls, James Benton, | *Arts*, | Windsor. |
| Noble, Stuart Grayson, | *Arts*, | Bushnell, Fla. |
| Oates, William Mercer, | *Arts*, | Tarboro. |
| Orr, Manlius, | *Arts*, | Charlotte. |
| Palmer, Norville Finley, | *Arts*, | Hookerton |
| Patterson, John Durand, | *Arts*, | Newbern. |
| Phillips, Drury McNeill, | *Mining*, | Terlingua, Texas. |
| Porter, James Melville, | *Arts*, | Greensboro. |
| Ramseur, John Hunter, | *Arts*, | Bessemer City. |
| Rand, Oscar Ripley, Jr., | *Arts*, | Smithfield. |
| Raney, George Hall, | *Arts*, | Chapel Hill. |
| Raper, Wesley Carlton, | *C. E.*, | High Point. |
| Ray, William Angus, | *Arts*, | Sanford. |
| Reynolds, Benjamin Furman, | *Arts*, | Malee. |
| Robins, Marmaduke, | *Arts*, | Asheboro. |
| Rogers, George Croon, | *Arts*, | Graham. |
| Ross, Lloyd McCreight, | *Arts*, | Charlotte. |
| Royster, Percy Hoke, | *Arts*, | Raleigh. |
| Royster, Wilbur High, | *Arts*, | Raleigh. |
| Ruffin, Colin Bradley, | *Arts*, | Tarboro. |
| Ruffin, Ernest Cofield, | *Arts*, | Whitakers |
| Sellers, Job Boger, | *Elect. Law*, | Asheville. |
| Shull, Joseph Rush, | *Arts*, | Concord. |
| Simmons, Thomas Levy, | *Arts*, | Shelby. |
| Singletary, Snowden, Jr., | *Arts*, | Clarkton. |
| Snow, Edgar Norris, | *Arts*, | Hillsboro. |
| Speas, Jeannie Whewell, | *Arts*, | Donnaha. |
| Stewart, Edward Latham, | *Arts*, | Washington. |
| Sutton, Frederick Isler, | *Arts*, | Kinston. |

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| Thomas, Charles Randolph, Jr., | *Arts*, | Newbern. |
| Umstead, Walter William, | *Arts*, | Durham. |
| Vinson, Barnard Bee, | *Arts*, | Littleton. |
| Wardlaw, Charles Digby, | *Arts*, | Chapel Hill. |
| Watson, Walter, | *Arts*, | Newbern. |
| Webb, Charles Jordan, | *Elect. Med.*, | Roxboro. |
| Webb, Louis Harward, | *Arts*, | Chapel Hill. |
| Whitley, George Thaddeus, | *Arts*, | Smithfield. |
| Wiggins, James Middleton, Jr,, | *Elect. Law*, | Suffolk, Va. |
| *Williams, Francis Marion, Jr., | *El. Eng.*, | Newton. |
| Williams, Herbert Blackstock. | *Arts*, | Democrat. |
| Williams, Marion Murphy, | *Arts*, | Rose Hill. |
| Williams, Patrick Murphy, | *Arts*, | Wallace. |
| Willis, Norman Lee, | *Arts*, | Beaufort. |
| Withers, Douglas Dell, | *Arts*, | Charlotte. |
| Woodard, William Coleman, Jr., | *Arts*, | Rocky Mount. |
| Wright, Martin Leroy, | *Arts*, | Greensboro. |
| Wyatt, Wortham, | *Arts*, | Wadesboro. |
| Yelverton, William Elmer, | *Arts*, | Fremont. |
| Young, Oscar Arnold, | *C.E.*, | Penrose. |

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FRESHMAN CLASS.

| | | |
|---|---|---|
| Allen, Jerry Harrison. | *Arts*, | Rock Creek. |
| Arledge, Isaac Curtis, | *Arts*, | Columbus. |
| Armstrong, Thomas Hames, Jr.. | *Arts*, | Rocky Point. |
| Bagwell, Garland Ivan. | *Arts*, | Raleigh. |
| Barbee. Harvey Clyde. | *Arts*, | Morrisville. |
| Barbour, Julian Dwight. | *Arts*, | Clayton. |
| Battle, Kemp Davis, | *Arts*, | Rocky Mount. |
| Baucom, George Urias, Jr.. | *Arts*, | Clayton. |
| Bayley, Elden. | *Sci.*, | Springfield, O. |
| Beam, Michael Seth, | *Arts*, | Henry. |
| Bellamy, Chesley Calhoun, | *Arts*, | Wilmington. |
| Berry, Alexander Benners. | *Arts*, | Swan Quarter. |

* Deceased.

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|---|---|---|
| Blalock, Burman Karl, | *Arts*, | Norwood. |
| Blythe, Franklin Jackson, | *Arts*, | Huntersville. |
| Boatwright, Hal Fullerton, | *Arts*, | Wilmington. |
| Bowen, Stuart Van, | *Arts*, | Burgaw. |
| Brinson, Frank Clifford, | *Arts*, | Reelsboro. |
| Bryant, Robert Miller, | *Arts*, | Charlotte. |
| Campbell, Alton Cook, | *Elect. Med.*, | Jonesboro. |
| Carnady, Nicholas Boddie, | *Chem.*, | Oxford. |
| Carter, Kenneth William, | *Arts*, | Barnardsville. |
| Clark, Henry Toole, | *Arts*, | Scotland Neck. |
| Clark, Samuel Nash, | *Elect. Law*, | Tarboro. |
| Clement, Donald, | *Arts*, | Salisbury. |
| Clement, Foster Albert, | *Arts*, | Mocksville. |
| Clodfelter, Japhia Arnill, | *Arts*, | Lexington. |
| Clonts, Henry Koopman, | *Elect. Law*, | Lakeland, Fla. |
| Coffin, Oscar Jackson, | *Arts*, | Asheboro. |
| Cooper, James Edwin, | *Arts*, | Asheville. |
| Corpening, Clifford, | *Arts*, | Morganton. |
| Cowles, David Hamilton, | *Arts*, | Washington, D. C. |
| Cox, William David, | *Arts*, | Moyock. |
| Crawford, Frank Dunlap, | *Arts*, | Reidsville. |
| Credle, Clement Gibbon, | *Arts*, | Swan Quarter. |
| Cuningham, Mody, | *Arts*, | Kershaw, S. C. |
| Currie, Walter Lee, | *Arts*, | Candor. |
| Dalton, Thomas Sparrow, | *Arts*, | Greensboro. |
| Darden, Simeon Isler, | *Arts*, | Kinston. |
| Dover, James Toms, | *Arts*, | Shelby. |
| Dunn, Paul Roderick, | *Arts*, | Raleigh. |
| Eames, Richard Davis, | *Arts*, | Salisbury. |
| Edwards, Frank Henry, | *Arts*, | Democrat. |
| Edwards, Victor Clyde, | *Arts*, | Ore Hill. |
| Edwards, William Howell, | *Arts*, | Bradford, Fla. |
| Ellington, Kenneth Raynor, | *Arts*, | Clayton. |
| Elliott, James Benjamin, | *Arts*, | Marion. |
| FitzSimons, Joseph Graham, | *Arts*, | Charlotte. |
| Folger, Thomas Jackson, | *Arts*, | Dobson. |

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|---|---|---|
| Freeman, Robert Alexander, | *Arts*, | Dobson. |
| Freeman, Samuel Reinhardt, | *Arts*, | Windsor. |
| Fry, William Henry, | *Arts*, | Fayetteville |
| Garrett, Albert Earl, | *Arts*, | Intelligence. |
| Gaylord, William Fenner, | *Arts*, | Gaylord. |
| Gilliam, Donald, Jr., | *Arts*, | Tarboro. |
| Goss, David Alexander, | *Elect. Law*, | Creston. |
| Graham, Frank Porter, | *Arts*, | Charlotte. |
| Graves, Mary deBerniere, | *Spec.*, | Chapel Hill. |
| Greene, Roby Gaither, | *Arts*, | Blowing Rock. |
| Grier, William Pressley, | *Arts*, | Charlotte. |
| Griffin, Clyde Oden, | *Arts*, | Rocky Mount. |
| Hales, Cecil Stanton, | *Elect.*, | Wilson. |
| Hand, Erwin Robinson, | *Spec.*, | Lowell. |
| Hanes, James Gordon, | *Arts*, | Winston-Salem. |
| Harding, Samuel Asberry, | *Elect. Med.*, | Farmington. |
| Harrison, Harry, | *Arts*, | Statesville. |
| Hawes, Stephen James, | *Arts*, | Atkinson. |
| Hines, James Williams, Jr., | *Arts*, | Rocky Mount. |
| Holt, John Harvey, | *Elect.*, | Oak Ridge. |
| Howard, Curtis William, Jr., | *Arts*, | Kinston. |
| Huffman, Max Ellis, | *Arts*, | Henry. |
| Hume, Mary Gregory, | *Spec.*, | Chapel Hill. |
| Hurdle, Samuel Walker, | *Arts*, | Reidsville. |
| Huske, Marion Strange, | *Arts*, | Fayetteville. |
| Jackson, James Clarke, | *Arts*, | Fayetteville. |
| Jones, Benjamin Walton, | *Arts*, | Greensboro. |
| Jones, Milo J., | *Arts*, | Saginaw. |
| Jones, William Henry, | *Arts*, | Yanceyville |
| Keiger, James Arthur, | *Arts*, | Tobaccoville. |
| Kirkpatrick, Cleveland Fain, | *Elect. Med.*, | Clyde. |
| Kirkpatrick, Hiram Silas, | *Arts*, | Clyde. |
| Kitchin, William Hugh, | *Arts*, | Scotland Neck. |
| Lamb, Tazewell Hargrove, | *Elect.*, | Elizabeth City |
| Lassiter, William Thornton, | *Elect. Law*, | Oxford. |
| Lewis, Bruce Hufham, | *Arts*, | Scotland Neck. |

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|---|---|---|
| Lewis, LaFayette. | *Elect. Law*, | Solitude. |
| Liles, Nelson Picket, Jr., | *Elect. Law*, | Wadesboro. |
| Lindsay, John Alexander, Jr., | *Arts*, | High Point. |
| Little, John Henry. | *Arts*, | Pinetops. |
| Long, William Lunsford, | *Arts*, | Garysburg. |
| Lowe, Charles Spurgeon, | *Arts*, | Asheville. |
| Lunsford, Preston, | *Arts*, | Asheville. |
| McAden, Sidney Yancey, | *Arts*, | Charlotte. |
| McGuffin, Robert Paul, | *Arts*, | Dobson. |
| McIntosh, Charles Edgar. | *Arts*, | Denver. |
| McIver, Charles Duncan, Jr., | *Arts*, | Greensboro. |
| McLain, Campbell, | *Arts*, | Statesville. |
| McMillan, William Farrior, | *Arts*, | Chapel Hill. |
| McNeely, Robert Ney, | *Arts*, | Waxhaw. |
| McNeill, Robert Strange, | *Arts*, | Fayetteville. |
| McRae, Duncan, | *Arts*, | Chapel Hill. |
| McRae, Donald Conroy, | *Arts*, | Chapel Hill. |
| McRae, Robert Strange, Jr., | *Arts*, | Chapel Hill. |
| Manning, John Hall, | *Arts*, | Durham. |
| Masten, Henry Pearl, | *Arts*, | Winston-Salem. |
| Mehaffey, Harold Wade, | *Arts*, | Newton. |
| Meadows, Edward Hughes, | *Arts*, | Newbern. |
| Means, Afton, | *Arts*, | Concord. |
| Mercer, John Routh. | *Arts*, | Elm City. |
| Michaux, William Wilson, | *Arts*, | Greensboro. |
| Miles, John Vaughn, | *Arts*. | Torry. |
| Miller, Morton Ferdinand. | *Arts*, | Hartsville, S. C. |
| Montgomery, Wade Anderson. | *Arts*, | Charlotte. |
| Montsinger, Vincent Melanchthon, | *C.E.*, | High Point. |
| Moore, John Alexander, | *Arts*, | Fonta Flora. |
| Neville, Dewitt Talmage, | *Arts*, | Chapel Hill. |
| Oettinger, Elmer Rosenthal, | *Arts*, | Wilson. |
| Oliver, David Dickson, | *Arts*, | Mount Olive. |
| O'Neill, Bernard, | *Arts*. | Wilmington. |
| Osborne, Henry Plant, | *Arts*, | Jacksonville, Fla. |
| Parish, William Joel, | *Arts*, | Maxton. |

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| Parker, Joseph Allen, | *Arts*, | Mount Olive |
| Parker, Samuel Green, | *Arts*, | Kinston. |
| Patterson, James Sontherland, | *Arts*, | Chapel Hill. |
| Perry, Henry Leslie, | *Arts*, | Henderson. |
| Pickard, Alfred Clarence, | *Arts*, | Chapel Hill. |
| Plummer, Nixon Sandy, | *Arts*, | Greensboro. |
| Preston, Ben Smith, | *Arts*, | Charlotte. |
| Queen, John Montreville, | *Arts*, | Waynesville. |
| Rand, Robert Otis, | *Arts*, | Burlington. |
| Ray, Donald, | *Arts*, | Mount Airy. |
| Reeves, Jeremiah Bascom, | *Arts*, | Mount Airy. |
| Rice, Evin Mack, | *Arts*, | Bayboro. |
| Richmond, Roland Russell, | *Arts*, | Winston-Salem. |
| Ridenhour, John David, | *Arts*, | Salisbury. |
| Riggs, Henry Eugene, | *Arts*, | Dobson. |
| Ritter, William Willis, | *Arts*, | Mayock. |
| Roberts, Pearce, | *Arts*, | Weaverville. |
| Robinson, Russell Marable, | *Arts*, | Goldsboro. |
| Rosebro, William Walter, | *Arts*, | Cleveland. |
| Ross, Frank Howard, | *Arts*, | Charlotte. |
| Royster, William Marcus, | *Arts*, | Virgilina. |
| Sadler, Thomas Wilson, | *Elect.*, | Charlotte. |
| Scott, Calvin Jackson, | *Arts*, | Concord. |
| Scott, Ransom Smith, | *Arts*, | Concord. |
| Shannonhouse, George Gordon, Jr., | *Arts*, | Richmond, Va. |
| Simmons, James Lawrence, | *Arts*, | Shelby. |
| Simmons, William Jordan, | *Arts*, | Woodard. |
| Skinner, Frederick Snowden, | *Arts*, | Clinton. |
| Smith, Lewis J., | *Teach.*, | Painter. |
| Smith, Newton Howard, Jr., | *Arts*, | Fayetteville. |
| Snipes, Harvey Grant, | *Arts*, | Menola. |
| Sorrell, Horace Jacob, | *Arts*, | Raleigh. |
| Spencer, Carroll Baxter, | *Arts*, | Fairfield. |
| Spicer, Charles Booker, | *Arts*, | Nathan's Creek. |
| Stepp, Hestley Aiken, | *Arts*, | Hendersonville. |
| Stevenson, James Rankin, | *Arts*, | Shawboro. |

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| Stockton, Norman Vaughn, | *Arts*, | Winston-Salem. |
| Strowd, William Franklin, Jr., | *Arts*, | Chapel Hill. |
| Strowd, Wallace Headen, | *Arts*, | Chapel Hill. |
| Sudderth, George Murry, | *Arts*, | Kelsey. |
| Sultan, William Henry, | *Arts*, | Newbern. |
| Sumner, Robert Ernest, | *Elect.*, | Fletcher. |
| Taylor, Richard Adolphus, | *Arts*, | Palmerville. |
| Temple, Frederick Winfield, | *Arts*, | Sanford. |
| Thomas, Alfestus Sperling, | *El. Eng.*, | New Bern. |
| Thomas, William George, | *Arts*, | Charlotte. |
| Thomson, Julius Faison, | *Arts*, | Faison. |
| Thompson, Albert Gilbert, | *Arts*, | Lumberton. |
| Tillett, Charles Walter, Jr., | *Arts*, | Charlotte. |
| Traylor, Horace Cleveland, | *Arts*, | White Oak. |
| Turner, Gerald Thomas, | *Arts*, | Norwood. |
| Umstead, John Wesley, Jr., | *Arts*, | Stem. |
| Vogler, Charles Alexander, | *Arts*, | Winston-Salem. |
| Wadsworth, Harvey Bryan, | *Arts*, | Cove. |
| Walker, Duncan DeVane, | *Arts*, | Warsaw. |
| Welborn, Edgar Strickland, | *Arts*, | Thomasville. |
| Whitaker, William Reid, | *Arts*, | LaGrange. |
| Wiley, Samuel Hamilton, | *Mining*, | Salisbury. |
| Wilkins, Ralph Albert, | *Arts*, | Rutherfordton. |
| Williams, Timothy Graham, | *Arts*, | Rose Hill. |
| Williams, Thomas Partelow, | *Arts*, | Newbern. |
| Willis, Ivy, | *Arts*, | Lawndale. |
| Wilson, Frank Wiley, | *Arts*, | Greenville. |
| Wilson, Robert McArthur, | *Arts*, | Goldsboro. |
| Winslow, Francis Edward, | *Arts*, | Hertford. |
| Wright, Gaston Amick, | *Teach.*, | Liberty. |
| Yates, William Henry, | *Arts*, | Concord. |
| Yokly, Oscar Hoyle, | *Arts*, | Mount Airy. |

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## Students in Law.

| | |
|---|---|
| Abbott, Lunsford, | Kinston. |
| Allen, Matthew Hicks, | Kinston. |

‡Askew, Edward Stephenson, A.B., 1899, Windsor.

Baggett, Hiram, Dunn.

Beall, Thomas Settle, Greensboro.

†Bean, Eugene Holmes, Salisbury.
B.S., Davidson College, 1897.

‡Bonham, Proctor Aldrich, Anderson, S. C.

‡Boone, Robert Baxter, Jr., Durham.

‡Bramham, William Gibbons. Durham.

‡Brawley, Sumter Coe, Mooresville.

‡Bridgers, Burke Haywood, Ph.B., 1903, Wilmington.

†Brothers, Henry Linwood, Fayetteville.

Bryan, Roderic Adams, Carthage.

‡Bynum, Frederic Williamson, Pittsboro.
A.B., Trinity College, 1905.

Capps, Bismarck, Salisbury.

†Carter, Henry Clay, Jr., Fairfield.

†Caudle, Leonidas LaFayette, Charlotte.

‡Cheshire, John, Tarboro.

Cothran, James Fletcher, Rougemont.

Cox, Elijah, Catharine Lake.

Davis, Lorenzo Benton, East Bend.

‡Dixon, Benjamin Franklin, Jr., Raleigh.
A.B., Trinity College, 1903; A.M., Columbia University, 1905.

Elliott, Horace Copley, Gilkey.

Faison, Edward L., Elliott.
C.E., Lehigh University, 1895.

‡Farriss, Edwin Holden, LL.B., 1905, High Point.

‡Ford, Joseph Fanning, Asheville.

Fountain, Richard Tillman. Leggett.

‡Fowle, Daniel Gould, Raleigh.

‡Furr, Thornwell G., Mooresville.

Gardner, Oliver Max, Shelby.
B.S., N. C. A. & M. College, 1908.

Gash, Robert Lenoir, Brevard.

†Goddard, Irvin Fulford, Washington.

† Summer Term and regular session.

‡ Summer Term only.

‡Gudger, Vanno Lamar, LL.B., 1905, Asheville.
B.S., University of Tennessee, 1904.
‡Hampton, Lawrence Herbert, Webster.
Hannah, John George, Jr., Siler City.
Harris, Hal Hamlin, Franklinton.
‡Hassell, Francis Sylvester, A.B., 1903, Williamston
Haynes, Joseph Walter, Asheville.
‡Haywood, Alfred Williams, Jr., A.B., 1904, Haw River.
‡Henderson, Daniel Ezekiel, Deppe.
Higdon, Thomas Bragg, A.B., 1905, Higdonville.
Hoffman, John Robert, Whitsett.
Hoyle, James Monroe, Liberty, S. C.
A.B., Rutherford College, 1898.
Humphrey, Donald Clingman, Goldsboro.
Hursey, Sidney Douglas, Dillon, S. C.
Hutchison, Robert Stuart, Ph.B., 1902, Charlotte.
‡Jonas, Charles Andrews, Ph.B., 1902, Barkley.
‡Jones, George Lyle, A.B., 1903, Raleigh.
Jones, Hamilton Chamberlain, Charlotte.
‡Kenan, Graham, A.B., 1904, Kenansville.
‡Lamb, Joseph Palmer, Live Oaks, Fla.
‡Lane, Henry Pritchett, Leaksville.
Loughlin, Charles Clarke, Wilmington.
Love, Walter Bennett, Monroe.
Lyon, Otho DeVanne, Creedmoor.
McDiarmid, Thomas Norment, Lumberton.
†McGeachy, Arthur, Chipley, Fla.
McLeod, Alexander Hamilton, Lumberton.
McMullan, John Henry, Edenton.
McNeill, Thomas Alexander, Jr., Lumberton.
McNider, James Small, Chapanoke.
Moon, Otis John, Danville, Ind.
Moore, Jerome Rea, Columbia, S. C.
Moore, Louis Toomer, Wilmington.
‡Newton, James Spruit, Ph.B., 1904, Magnolia.
Osborne, James Walker, Charlotte.
Parker, John Archibald, Duke.

Perrett, Walter Kenneth, Ph.B., 1905. Whitsett.
Perry, Bennett Hester, Henderson.
Philips, Henry Hyman, B.S., 1905, Tarboro.
Phillips, Robert Lee, Robbinsville.
Portrum, Henry Edgerton. Rogersville, Tenn.
Prather, Charles DeVault. Mount Airy.
Proctor, James Dick, Lumberton.
A.B., Wake Forest College, 1905
Pryor, William Victor, Fruitland.
‡Ragland, John William. New's Ferry, Va.
Redd, Forest Marion, Charlotte.
Reilly, Edward Buist, Atlantic City, N. J.
Rnark, Joseph Walters, Southport.
Rudisill, Lawrence Erastus, A.B., 1904, Cherryville.
A.B., Lenoir College, 1903.
‡Sawyer, Ernest Linwood, Ph.B., 1904, Elizabeth City.
Shaw, James Alexander. Maxton.
‡Sherrill, Oscar, Catawba.
‡Sherrod, William Jeremiah. Hamilton.
‡Shorè, William Thomas, B.S., 1905, Charlotte.
Simmons, Norwood Lane, Washington.
Simmons, Thomas William, Mints.
Smoot, William Brittingham, Salisbury
Snipes, Edgar Thomas, Menola.
B.S., Guilford College, 1903; A.B., Haverford College, 1904; A.M., Ibid., 1905.
†Sorrell, Delos Wenford, Durham.
Sykes, Robert Hiden, Chapel Hill.
‡Swain, John Edward, Ph.B., 1902. Democrat.
Tavis, Bernie Cornelius, Winston-Salem.
Thomas, James J., Jr., Raleigh.
Townsend, Newman Alexander, A.B., 1905, Raynham.
Warren, Julius Knox, Edenton.
Weaver, Charles Guy, Weaverville.
Wheatly, Claud Roberson, Beaufort.
‡Williams, John Robert, Apex.
†Wilson, John Kenyon, A.B., 1905, Elizabeth City.
†Wilson, William Thomas, Winston-Salem.

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| Winborne, John Wallace, | Tyner. |
| ‡Winston, Patrick Henry, | Raleigh. |
| ‡Wooten, Stephen Chapman, | Fountain |
| Wright, Isaac Clark, A.B., A.M., 1905, | Coharie. |

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## Students in Medicine.

| Name. | Year. | Residence. |
|---|---|---|
| Abernethy, Claud Oliver, B.S., 1902, | *Fourth*, | Chapel Hill. |
| Adams, Charles Peronneau, | *First*, | Waynesville. |
| Andrews, Nathan Hardy, | *First*, | Ashpole. |
| Apgar, Raymond, | *Second*, | Allentown, Pa. |
| Barbee, George Speight, | *First*, | Morrisville. |
| Barefoot, Julius Jackson, | *Third*, | Wilson. |
| Barker, Christopher Sylvanus, | *First*, | Trenton |
| Berry, John, Jr., | *Second*, | Chapel Hill. |
| Best, Henry Blount, | *Third*, | Wilson. |
| Braddy, Wade Hampton, | *Second*, | Jessama. |
| Buckner, James Marion, | *Second*, | Democrat. |
| Chapin, William Burdette, | *First*, | Pittsboro. |
| Covington, Platt Walker, | *Second*, | Wadesboro. |
| Davidson, Edwin Norvell, | *Second*, | Nuckols, Va. |
| Dick, Julius Vance, | *Third*, | Whitsett. |
| Dunlap, Leonidas Victor, | *First*, | Cedar Hill. |
| Eagles, Charles Sidney, | *Second*, | Saratoga. |
| English, Arthur Brown, | *Fourth*, | Faust. |
| Farmer, Clarence Ravenel, | *First*, | Elm City. |
| Farthing, Logan Elmore, | *Fourth*, | Boone. |
| Fellers, William Barber, | *First*, | Roanoke, Va. |
| Ferrell, John Atkinson, B.S., 1902, | *Third*, | Clinton. |
| Ferrell, Norman Leland, | *First*, | Durham. |
| Gibson, Harry Preston, | *Second*, | Waterford, Va. |
| Glenn, Marshall Renfro, B.S., 1903, | *Third*, | Asheville. |
| Green, William Alexander, | *Third*, | Selma. |
| Green, William Wills, Jr., | *Second*, | Franklinton. |
| Harris, David Watson, | *Second*, | Fayetteville. |

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|---|---|---|
| Hocutt, Battle Applewhite, | *Fourth*, | Wakefield. |
| Howard, Jasper Victor, A.B., 1905, | *First*, | Kinston. |
| Jackson, Arthur Flournoy, B.S., Ala. Poly. Inst., 1901; M.S., Ibid., 1902. | *First*, | West Point, Ga. |
| James, William Daniel, | *Second*, | Laurinburg. |
| Johnson, Bayard Cleveland. | *First*, | Ingold. |
| Johnson, Percy, | *Second*, | Palmyra. |
| Jones, Harry Murray, A.B., 1903, | *Fourth*, | Franklin. |
| Jones, John Craige, | *First*, | Forestville. |
| Jordon, William Stone, | *Fourth*, | Raleigh. |
| Kitchin, Thurman Delna, A.B., Wake Forest College, 1905. | *Second*, | Scotland Neck. |
| Lane, Paul Peyton, | *Second*, | Wilson. |
| Ledbetter, Penlie Brisco, Ph.B., 1905, | *Second*, | Davidson River. |
| Lloyd, Braxton Bynum, | *First*, | Chapel Hill. |
| Long, Edgar Miller, | *First*, | Hamilton |
| McBrayer, Charles Evans, A.B., Wake Forest College, 1902. | *Second*, | Shelby. |
| McCain, Hugh White, | *First*, | Waxhaw. |
| McLean, Allen, | *Second*, | Laurinburg. |
| McLemore, George Ammie, | *Fourth*, | Clinton. |
| McPherson, Robert Gray. | *Second*, | Holman's Mills. |
| Maness, John Moses, | *Third*, | Hemp. |
| Mason, John Sanford, | *First*, | Raleigh. |
| Maynard, Julian Decatur, | *Second*, | Bradshaw. |
| Merritt, John Hamlet, | *Fourth*, | Roxboro. |
| Monk, George Monroe, | *Second*, | Newton Grove. |
| Moorefield, Jones Leftwich, | *First*, | Guilford College. |
| Morris, George Blythe, | *First*, | Goldsboro. |
| Morgan, Ernest Sutton, | *First*, | Clyde. |
| Nichols, Austin Flint, A.B., 1905, | *Second*, | Roxboro. |
| Noble, Robert Primrose, B.S., 1905, | *Third*, | Selma. |
| Norman, John Standing, | *First*, | Lumberton |
| Nuckols, Ernest Benjamin, | *Second*, | Nuckols, Va. |
| Reid, James William, | *Second*, | Lowell. |
| Rice, Wilbur Calhoun, | *Third*, | Sydney, Fla. |
| Riggsbee, Edgar Jackson, | *First*, | Riggsbee. |

| | | |
|---|---|---|
| Roberson, Foy, | *Second*, | Chapel Hill. |
| Ross, Otho Bescent, A.B., 1905, | *First*, | Charlotte. |
| Royal, Benjamin Franklin, | *First*, | Morehead City. |
| Schonwald, John DeWitt, | *First*, | Wilmington. |
| Scofield, Everett J., | *Second*, | Wappinger's Falls, [N. Y. |
| Shipp, George William, | *First*, | Newton. |
| Shull, John Virgil, | *First*, | Perth Amboy, N. J |
| Sitton, Charles Vedder, | *First*, | Pendleton, S. C. |
| Smith, John McNeill, | *Second*, | Laurinburg. |
| Smith, Thomas Harley, | *Second*, | Liberty. |
| Spencer, Frederick Brunell, | *First*, | Swan Quarter. |
| Spoon, Arthur Ogburn, | *Second*, | Haw River. |
| Strowd, William Amick, | *First*, | Lambsville. |
| Surles, Junius Boyette, | *First*, | Dunn. |
| Talley, John Samuel, | *First*, | Statesville. |
| Terrell, Albert Johnson, | *Second*, | Old Fort. |
| Thompson, John Melvin, | *First*, | Graham. |
| Upchurch, Robert Theodore, | *Second*, | Apex. |
| Walters, Charles Manly, A.B., 1905, | *Second*, | Burlington. |
| Ward, Ivie Alphonso, | *Third*, | Ryland |
| Ward, Vernon Albert, | *Second*, | Wilson. |
| Watson, John Bliss, | *Second*, | Raleigh. |
| Weatherly, John Bruce, | *First*, | Jamestown. |
| Webb, Samplet Edgar, | *Second*, | Brown Summit. |
| Whichard, Murray Panner, | *First*, | Hobgood. |
| Wilcox, Jesse Womble, Ph.B., 1903, | *Fourth*, | Putnam. |
| Williams, Lesley Shaw, | *First*, | Drake's Branch, Va. |
| Williams, Robert Cleveland, | *First*, | Rose Hill. |
| Wilkerson, Charles Baynes, | *Fourth*, | Durham. |
| Winslow, Cato Franklin, | *Second*, | Hobbsville. |
| Woodard, Albert Gideon, | *Third*, | Princeton. |
| Woollen, Glenn Lacy, | *First*, | Winston-Salem. |

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STUDENTS IN PHARMACY.

| | | |
|---|---|---|
| Andrews, Charles McDonald, | *First*, | Hillsboro. |
| Avent, Clyde Benjamin, | *First*, | Durham |

| | | |
|---|---|---|
| Birdsong, Ludlow. | *First*, | Raleigh. |
| Bright, Christopher Robert. | *First*, | Washington. |
| Bruce, Thomas Jefferson. | *First*, | Marshall. |
| Cannon, Claude Clabourn. | *First*, | Spartanburg, S. C. |
| Chandler, Theodore Solomon. | *First*, | Virgilina, Va. |
| Costner, Frank Leslie. | *First*, | Gastonia. |
| Council, Commodore Thomas. | *First*, | Durham. |
| Crawford, James Patton. | *First*, | Sugar Hill. |
| Curtis, Francis McCalla. | *First*, | Dillon, S. C. |
| Edwards, James Sidney. | *First*, | Lindell. |
| Fox, Charles Michael. | *First*, | Randleman. |
| Fulgham, Raiford Thomas. | *First*, | Kenly. |
| Hall, Walter Alvis. | *First*, | Fayetteville. |
| Hand, Jasper Kennedy. | *First*, | Lowell. |
| Hart, John Albert. | *Second*, | Hendersonville. |
| Herring, William Henry. | *First*, | Clinton. |
| Hill, Grover William. | *First*, | Wilmington. |
| Hilton, Charles McLane. | *First*, | Winston-Salem. |
| Hunt, Samuel Parker. | *First*, | Enfield. |
| Kibler, Ralph Emory. | *First*, | Morganton. |
| Loftin, James Urus. | *First*, | Troy. |
| Macon, Gideon Hunt. | *First*, | Warrenton. |
| McCraw, William Polk. | *First*, | Littleton. |
| Marsh, Numa Franklin. | *First*, | Marshville. |
| Oakes, Harry, | *First*, | Pittsburg, Pa. |
| Parker, Richard Smith. | *First*, | Wilkesboro. |
| Patterson, Robert Glenn. | *First*, | Chapel Hill. |
| Reed, Charles Harman. | *First*, | Herndon, Va. |
| Rose, Ira Winfield. | *Second*, | Benson. |
| Secrest, Andrew McDowd, | *First*, | Monroe. |
| Smith, Ephraim Westcott. | *First*, | Chapel Hill. |
| Stillwell, Erle Gulick. | *First*, | Hendersonville. |
| Trotter, James Robert. | *First*, | Reidsville. |
| Wallace, Edward Robert. | *First*, | Morehead City. |
| Walters, John Marion. | *First*, | Burlington |
| Whitaker, Ferdinand Cary, | *First*, | Enfield |

## ADDITIONS.

To the list of GRADUATE STUDENTS add:

Tyson, John Joyner, *First*, Greenville.
B.S , 1905. Geology and Chemistry

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To the list of FACULTY ASSISTANTS add:

IRA WINFIELD ROSE, *Assistant in Pharmacy*

# GENERAL SUMMARY.

Boards of Government and Instruction and Other Officers.

The following names were omitted from the roll of STUDENTS OF MEDICINE:

| | | |
|---|---|---|
| Anderson, James Garrett, | *Fourth*, | Paint Fork. |
| Gibbs, Emmett Wightman, | *Third*, | Ivy. |

| | | |
|---|---|---|
| Second-Year Students | 35 | |
| First-Year Students | 38 | |
| | | 96 |
| THE DEPARTMENT ON PHARMACY: | | |
| Second-Year Students | 2 | |
| First-Year Students | 36 | |
| | | 38 |
| Total number of students | | 687 |
| Deduct for names counted twice | | 7 |
| | | 680 |

# GENERAL SUMMARY.

## Boards of Government and Instruction and Other Officers.

| | | |
|---|---|---|
| Trustees | | 82 |
| Professors | 41 | |
| Instructors | 12 | |
| Assistants | 18 | |
| | — | 71 |
| Other Officers | | 12 |

## Students.

| | | |
|---|---|---|
| THE COLLEGE: | | |
| Senior Class | 49 | |
| Junior Class | 68 | |
| Sophomore Class | 115 | |
| Freshman Class | 189 | |
| | — | 421 |
| THE GRADUATE DEPARTMENT | | 27 |
| THE LAW DEPARTMENT | | 105 |
| THE DEPARTMENT OF MEDICINE: | | |
| Fourth-Year Students | 11 | |
| Third-Year Students | 12 | |
| Second-Year Students | 35 | |
| First-Year Students | 38 | |
| | — | 96 |
| THE DEPARTMENT ON PHARMACY: | | |
| Second-Year Students | 2 | |
| First-Year Students | 36 | |
| | — | 38 |
| Total number of students | | 687 |
| Deduct for names counted twice | | 7 |
| | | 680 |

## SUMMARY BY STATES.

| | | | |
|---|---|---|---|
| North Carolina | 627 | South Carolina | 14 |
| Virginia | 13 | Florida | 8 |
| New York | 3 | New Jersey | 2 |
| Tennessee | 3 | Pennsylvania | 2 |
| District of Columbia | 1 | Georgia | 1 |
| Indiana | 1 | Maryland | 1 |
| Montana | 1 | Ohio | 1 |
| South Dakota | 1 | Texas | 1 |

# SCHEDULE OF RECITATIONS.

| | 8:45 | 9:45 | 10:40 | 11:35 | 12:30 | 2:30 |
|---|---|---|---|---|---|---|
| | A | B | C | D | E | |
| MON. | Chemistry 7<br>Econom. 5, 6<br>English 2, II<br>English 14<br>Geology 3<br>German 1, I<br>Greek A<br>Latin 1, III<br>Math. 1, I, II<br>Math. 4<br>Pedagogy 3,4<br>Physics 6 | Chemistry 2<br>English 1, IV<br>English 6<br>English 16<br>French 1, II<br>French 2, I<br>Geology 6<br>Greek 2<br>History 1, I<br>Law, Elem.<br>Math. 8<br>Philosophy 4 | English 1, III<br>English 4<br>French 3<br>Greek 1, II<br>Latin 1, I<br>Latin 2, I<br>Physics 1<br>Physics 7<br>Zoology 1 | Chemistry 1<br>Econom. 4<br>English 9<br>Geology 1<br>German 3<br>History 5<br>Latin 1, IV<br>Math. 1, V<br>Math. 3A<br>Math. 7A<br>Sch. Org. 1, 2 | Drawing 4<br>English 8<br>French 1, IV<br>German 1, II<br>Greek 1, I<br>History 7<br>Latin 1, II<br>Math. 1, III, IV<br>Math. 2, II<br>Pedagogy 1, 2<br>Philosophy 2 | Laboratory:<br>Chem. 1, I<br>Chemistry 4<br>Chemistry 8<br>Chemistry 9<br>Physics 1, I<br>Physics 4<br>Zoology 2 |
| | F | G | H | I | K | |
| TUE. | Botany 2<br>Chemistry 5<br>Chem. 7A<br>English 3<br>English 11<br>Greek 3<br>Greek 5, 10<br>Latin 1, IV<br>Latin 7A, 8<br>Math. 1, V<br>Philosophy 3<br>Physics 4<br>Pub. Spkg. 1 | Econom. 2<br>English 1, II<br>English 2, I<br>French 2, II<br>Geology 4<br>German 1, III<br>Greek 9<br>Math. 7<br>Philosophy 1<br>Physics A | Chemistry 6<br>French 1, III<br>German 6<br>Greek 6<br>History 1, II<br>History 3<br>Latin 2, II<br>Latin 4, 9<br>Math. 10<br>Spanish 1 | Econom. 1<br>English 1, I<br>English 5<br>English 15<br>French 1, I<br>French 4<br>German 2<br>Greek 7<br>Latin 10<br>Math. 2, I<br>Math. 3<br>Physics 9 | Botany 1<br>Econom. 3<br>French 5<br>Greek 1, I<br>History 6<br>Latin 1, II<br>Math. 1, III, IV<br>Pedagogy 5, 6<br>Physics 5<br>Pub. Spkg. 2 | Laboratory:<br>Botany 1, I<br>Chem. 1, II<br>Chemistry 5<br>Chemistry 8<br>Drawing 1<br>Geology 2<br>Physics 1, II |
| | A | B | C | D | E | |
| WED. | English 2, II<br>Geology 3<br>German 1, I<br>Greek A<br>Latin 1, III<br>Math. 1, I, II<br>Math. 4<br>Pedagogy 3,4<br>Physics 6 | Chemistry 2<br>English 1, IV<br>English 6<br>English 16<br>French 1, II<br>French 2, I<br>Geology 6<br>Greek 2<br>History 1, I<br>Law, Elem.<br>Math. 8<br>Philosophy 4 | English 1, III<br>English 4<br>French 3<br>Greek 1, II<br>History 2, 4<br>Latin 1, I<br>Latin 2, I<br>Math. 3B<br>Physics 1<br>Physics 7<br>Zoology 1 | Chemistry 1<br>Econom. 4<br>English 12<br>Geology 1<br>German 3<br>Greek 4<br>History 5<br>Latin 1, IV<br>Latin 5, 6<br>Math. 1, V<br>Math. 3A<br>Math. 7A<br>Sch. Org. 1, 2 | Drawing 4<br>English 8<br>French 1, IV<br>German 1, II<br>Greek 1, I<br>History 7<br>History 10<br>Latin 1, II<br>Math. 1, III, IV<br>Math. 2, II<br>Pedagogy 1, 2<br>Physics 2 | Laboratory:<br>Botany 1, II<br>Chem. 1, III<br>Chemistry 3<br>Chemistry 4<br>Chemistry 8<br>Drawing 2, 3 |
| | F | G | H | I | K | |
| THU. | Chemistry 5<br>Chem. 7A<br>English 3<br>English 11<br>Greek A<br>Greek 5, 10<br>Latin 1, III<br>Latin 7A, 8<br>Math. 1, I, II<br>Philosophy 3<br>Physics 4<br>Pub. Spkg. 1 | Econom. 2<br>English 1, II<br>English 2, I<br>English 13<br>French 2, II<br>Geology 4<br>German 1, III<br>Greek 9<br>Math. 7<br>Philosophy 1<br>Physics A | Chemistry 6<br>French 1, III<br>German 6<br>Greek 6<br>History 1, II<br>History 3<br>Latin 2, II<br>Latin 4, 9<br>Math. 10<br>Spanish 1 | Econom. 1<br>English 1, I<br>English 5<br>English 15<br>French 1, I<br>French 4<br>German 2<br>Greek 7<br>Latin 10<br>Math. 2, I<br>Math. 3<br>Physics 9 | Botany 1<br>Econom. 3<br>French 5<br>Greek 1, II<br>History 6<br>Latin 1, I<br>Pedagogy 5, 6<br>Physics 5<br>Pub. Spkg. 2 | Laboratory:<br>Botany 2<br>Chem. 1, IV<br>Chemistry 8<br>Chemistry 9<br>Drawing 1<br>Geology 2<br>Zoology 1, I<br>Zoology 2 |
| | A | B | C | D | E | |
| FRI. | Chemistry 7<br>Econom. 5, 6<br>English 2, II<br>English 14<br>Geology 3<br>German 1, I<br>Greek A<br>Latin 1, III<br>Math. 1, I, II<br>Math. 4<br>Pedagogy 3,4<br>Physics 6 | Chemistry 2<br>English 1, IV<br>English 6<br>French 1, II<br>French 2, I<br>Greek 2<br>History 1, I<br>Law, Elem.<br>Math. 8<br>Philosophy 4 | English 1, III<br>English 4<br>French 3<br>Greek 1, II<br>History 2, 4<br>Latin 1, I<br>Latin 2, I<br>Math. 3B<br>Physics 1<br>Physics 7 | Chemistry 1<br>English 9<br>English 12<br>Geology 1<br>German 3<br>Greek 4<br>History 5<br>Latin 1, IV<br>Latin 5, 6<br>Math. 1, V<br>Math. 3A | French 1, IV<br>German 1, II<br>Greek 1, I<br>History 7<br>History 10<br>Latin 1, II<br>Math. 1, III, IV<br>Math. 2, II<br>Pedagogy 1, 2<br>Philosophy 2<br>Physics 2 | Laboratory:<br>Botany 2<br>Chem. 1, V<br>Chemistry 3<br>Chemistry 4<br>Chemistry 8<br>Geology 4<br>Physics 7<br>Zoology 1, II<br>Zoology 2 |
| | | G | H | I | | |
| SAT. | Botany 3<br>Chemistry 5<br>Geology 6<br>Zoology 3 | Botany 3<br>Drawing 2, 3<br>English 1, II<br>English 2, I<br>English 13<br>French 2, II<br>German 1, III<br>Math. 7<br>Philosophy 1<br>Physics A<br>Zoology 3 | Botany 3<br>Chemistry 5<br>French 1, III<br>German 6<br>History 1, II<br>History 3<br>Latin 2, II<br>Math. 10<br>Spanish 1<br>Zoology 3 | Botany 3<br>English 1, I<br>French 1, I<br>French 4<br>German 2<br>Greek 7<br>Latin 3<br>Math. 2, I<br>Math. 3<br>Zoology 3 | Botany 3<br>Zoology 3 | |

## SCHEDULE OF EXAMINATIONS

| First Day | Second Day | Third Day | Fourth Day | Fifth Day |
|---|---|---|---|---|
| Drawing 4 | Chemistry 2 | Botany 1 | Chemistry 1 | Chemistry 6 |
| English 8 | English 6 | Economics 3 | Economics 4 | French 1 |
| German 1 | English 16 | French 5 | English 9 | German 6 |
| Greek 1 | French 1 | History 6 | English 12 | Greek 6 |
| History 7 | French 2 | Latin 1 | Geology 1 | History 1 |
| History 10 | Geology 6 | Pedagogy 5, 6 | German 3 | History 3 |
| Math. 1 | Greek 2 | Physics 5 | Greek 4 | Latin 2 |
| Math. 2 | History 1 | Pub. Spkg. 2 | History 5 | Latin 4, 9 |
| Pedagogy 1, 2 | Law, Elem. | | Latin 5, 6 | Math. 10 |
| Philosophy 2 | Math. 8 | | Math. 3A | Spanish 1 |
| Physics 2 | Philosophy 4 | | Math. 7A | |
| | | | Sch. Org. 1, 2 | |

| Sixth Day | Seventh Day | Eighth Day | Ninth Day | Tenth Day |
|---|---|---|---|---|
| Economics 2 | Economics 1 | Botany 2 | English 4 | Chemistry 7 |
| English 1 | English 1 | Chemistry 5 | French 3 | Economics 5, 6 |
| English 2 | English 5 | Chemistry 7A | History 2, 4 | English 2 |
| English 13 | English 15 | English 3 | Latin 2 | English 14 |
| French 2 | French 4 | English 11 | Math. 3B | Geology 3 |
| Geology 4 | German 2 | Greek 3 | Physics 1 | Greek A |
| German 1 | Greek 7 | Greek 5, 10 | Physics 7 | Latin 1 |
| Greek 9 | Latin 3 | Latin 7A, 8 | Zoology 1 | Math. 1 |
| Math. 7 | Latin 10 | Philosophy 3 | | Math. 4 |
| Philosophy 1 | Math. 2 | Physics 4 | | Pedagogy 3, 4 |
| Physics A | Math. 3 | Pub. Spkg. 1 | | Physics 6 |
| | Physics 9 | | | |

# THE ASSOCIATION OF THE ALUMNI

## THE GENERAL ASSOCIATION

THOMAS STEPHEN KENAN, A.B., *President.*
HENRY ARMAND LONDON, A.B., *Secretary.*
JAMES COLE TAYLOR, B.S., *Treasurer.*

The membership includes all persons who have matriculated at the University of North Carolina in any department except the Summer School and all who are or have been officers of the institution.

An effort is now being made to accomplish a more thorough organization of the Alumni. The desire is that the individual alumni shall form into Local Alumni Associations in every community. These Local Associations are to form by proportional representation the General Association of the Alumni. The next meeting of the General Association will be held in Gerrard Hall at the University at the Commencement in June, 1906. Local Associations have been formed in certain cities and others will be established in the course of the year. It is to be hoped that every alumnus will concern himself in assisting the organization in his county or town. A printed statement of the plan of organization has been prepared and will be supplied on request. Inquiries should be directed to Mr. James C. Taylor, Chapel Hill, N. C.

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# GENERAL SUMMARY.

## Boards of Government and Instruction and Other Officers.

| | | |
|---|---|---|
| Trustees | | 82 |
| Professors | 41 | |
| Instructors | 12 | |
| Assistants | 18 | |
| | | 71 |
| Other Officers | | 12 |

## Students.

| | | |
|---|---|---|
| THE COLLEGE: | | |
| Senior Class | 49 | |
| Junior Class | 68 | |
| Sophomore Class | 115 | |
| Freshman Class | 189 | |
| | | 421 |
| THE GRADUATE DEPARTMENT | | 27 |
| THE LAW DEPARTMENT | | 105 |
| THE DEPARTMENT OF MEDICINE: | | |
| Fourth-Year Students | 11 | |
| Third-Year Students | 12 | |
| Second-Year Students | 35 | |
| First-Year Students | 38 | |
| | | 96 |
| THE DEPARTMENT ON PHARMACY: | | |
| Second-Year Students | 2 | |
| First-Year Students | 36 | |
| | | 38 |
| Total number of students | | 687 |
| Deduct for names counted twice | | 7 |
| | | 680 |

## SUMMARY BY STATES.

| | | | |
|---|---|---|---|
| North Carolina | 627 | South Carolina | 14 |
| Virginia | 13 | Florida | 8 |
| New York | 3 | New Jersey | 2 |
| Tennessee | 3 | Pennsylvania | 2 |
| District of Columbia | 1 | Georgia | 1 |
| Indiana | 1 | Maryland | 1 |
| Montana | 1 | Ohio | 1 |
| South Dakota | 1 | Texas | 1 |

# SCHEDULE OF RECITATIONS.

| | 8:45 | 9:45 | 10:40 | 11:35 | 12:30 | 2:30 |
|---|---|---|---|---|---|---|
| | A | B | C | D | E | |
| MON. | Chemistry 7<br>Econom. 5, 6<br>English 2, II<br>English 14<br>Geology 3<br>German 1, I<br>Greek A<br>Latin 1, III<br>Math. 1, 1, II<br>Math. 4<br>Pedagogy 3,4<br>Physics 6 | Chemistry 2<br>English 1, IV<br>English 6<br>English 16<br>French 1, II<br>French 2, I<br>Geology 6<br>Greek 2<br>History 1, I<br>Law, Elem.<br>Math. 8<br>Philosophy 4 | English 1, III<br>English 4<br>French 3<br>Greek 1, II<br>Latin 1, I<br>Latin 2, I<br>Physics 1<br>Physics 7<br>Zoology 1 | Chemistry 1<br>Econom. 4<br>English 9<br>Geology 1<br>German 3<br>History 5<br>Latin 1, IV<br>Math. 1, V<br>Math. 3A<br>Math. 7A<br>Sch. Org. 1, 2 | Drawing 4<br>English 8<br>French 1, IV<br>German 1, II<br>Greek 1, I<br>History 7<br>Latin 1, II<br>Math. 1, III, 1V<br>Math. 2, II<br>Pedagogy 1, 2<br>Philosophy 2 | Laboratory:<br>Chem. 1, I<br>Chemistry 4<br>Chemistry 8<br>Chemistry 9<br>Physics 1, I<br>Physics 4<br>Zoology 2 |
| | F | G | H | I | K | |
| TUE. | Botany 2<br>Chemistry 5<br>Chem. 7A<br>English 3<br>English 11<br>Greek 3<br>Greek 5, 10<br>Latin 1, IV<br>Latin 7A, 8<br>Math. 1, V<br>Philosophy 3<br>Physics 4<br>Pub. Spkg. 1 | Econom. 2<br>English 1, II<br>English 2, I<br>French 2, II<br>Geology 4<br>German 1,III<br>Greek 9<br>Math. 7<br>Philosophy 1<br>Physics A | Chemistry 6<br>French 1, III<br>German 6<br>Greek 6<br>History 1, II<br>History 3<br>Latin 2, II<br>Latin 4, 9<br>Math. 10<br>Spanish 1 | Econom. 1<br>English 1, I<br>English 5<br>English 15<br>French 1, I<br>French 4<br>German 2<br>Greek 7<br>Latin 10<br>Math. 2, I<br>Math. 3<br>Physics 9 | Botany 1<br>Econom. 3<br>French 5<br>Greek 1, I<br>History 6<br>Latin 1, II<br>Math. 1, III, IV<br>Pedagogy 5, 6<br>Physics 5<br>Pub. Spkg. 2 | Laboratory:<br>Botany 1, I<br>Chem. 1, II<br>Chemistry 5<br>Chemistry 8<br>Drawing 1<br>Geology 2<br>Physics 1, II |
| | A | B | C | D | E | |
| WED. | English 2, II<br>Geology 3<br>German 1, I<br>Greek A<br>Latin 1, III<br>Math. 1, 1, II<br>Math. 4<br>Pedagogy 3,4<br>Physics 6 | Chemistry 2<br>English 1, IV<br>English 6<br>English 16<br>French 1, II<br>French 2, I<br>Geology 6<br>Greek 2<br>History 1, I<br>Law, Elem.<br>Math. 8<br>Philosophy 4 | English 1, III<br>English 4<br>French 3<br>Greek 1, II<br>History 2, 4<br>Latin 1, I<br>Latin 2, I<br>Math. 3B<br>Physics 1<br>Physics 7<br>Zoology 1 | Chemistry 1<br>Econom. 4<br>English 12<br>Geology 1<br>German 3<br>Greek 4<br>History 5<br>Latin 1, IV<br>Latin 5, 6<br>Math. 1, V<br>Math. 3A<br>Math. 7A<br>Sch. Org. 1, 2 | Drawing 4<br>English 8<br>French 1, IV<br>German 1, II<br>Greek 1, I<br>History 7<br>History 10<br>Latin 1, II<br>Math. 1, III, IV<br>Math. 2, II<br>Pedagogy 1, 2<br>Physics 2 | Laboratory:<br>Botany 1, II<br>Chem. 1, III<br>Chemistry 3<br>Chemistry 4<br>Chemistry 8<br>Drawing 2, 3 |
| | F | G | H | I | K | |
| THU. | Chemistry 5<br>Chem. 7A<br>English 3<br>English 11<br>Greek A<br>Greek 5, 10<br>Latin 1, III<br>Latin 7A, 8<br>Math. 1, 1, II<br>Philosophy 3<br>Physics 4<br>Pub. Spkg. 1 | Econom. 2<br>English 1, II<br>English 2, I<br>English 13<br>French 2, II<br>Geology 4<br>German 1,III<br>Greek 9<br>Math. 7<br>Philosophy 1<br>Physics A | Chemistry 6<br>French 1, III<br>German 6<br>Greek 6<br>History 1, II<br>History 3<br>Latin 2, II<br>Latin 4, 9<br>Math. 10<br>Spanish 1 | Econom. 1<br>English 1, I<br>English 5<br>English 15<br>French 1, I<br>French 4<br>German 2<br>Greek 7<br>Latin 10<br>Math. 2, I<br>Math. 3<br>Physics 9 | Botany 1<br>Econom. 3<br>French 5<br>Greek 1, II<br>History 6<br>Latin 1, I<br>Pedagogy 5, 6<br>Physics 5<br>Pub. Spkg. 2 | Laboratory:<br>Botany 2<br>Chem. 1, IV<br>Chemistry 8<br>Chemistry 9<br>Drawing 1<br>Geology 2<br>Zoology 1, I<br>Zoology 2 |
| | A | B | C | D | E | |
| FRI. | Chemistry 7<br>Econom. 5, 6<br>English 2, II<br>English 14<br>Geology 3<br>German 1, I<br>Greek A<br>Latin 1, III<br>Math. 1, 1, II<br>Math. 4<br>Pedagogy 3,4<br>Physics 6 | Chemistry 2<br>English 1, IV<br>English 6<br>French 1, II<br>French 2, I<br>Greek 2<br>History 1, I<br>Law, Elem.<br>Math. 8<br>Philosophy 4 | English 1,III<br>English 4<br>French 3<br>Greek 1, II<br>History 2, 4<br>Latin 1, I<br>Latin 2, I<br>Math. 3B<br>Physics 1<br>Physics 7 | Chemistry 1<br>English 9<br>English 12<br>Geology 1<br>German 3<br>Greek 4<br>History 5<br>Latin 1, IV<br>Latin 5, 6<br>Math. 1, V<br>Math. 3A | French 1, IV<br>German 1, II<br>Greek 1, I<br>History 7<br>History 10<br>Latin 1, II<br>Math. 1, III, IV<br>Math. 2, II<br>Pedagogy 1, 2<br>Philosophy 2<br>Physics 2 | Laboratory:<br>Botany 2<br>Chem. 1, V<br>Chemistry 3<br>Chemistry 4<br>Chemistry 8<br>Geology 4<br>Physics 7<br>Zoology 1, II<br>Zoology 2 |
| | | G | H | I | | |
| SAT. | Botany 3<br>Chemistry 5<br>Geology 6<br>Zoology 3 | Botany 3<br>Drawing 2, 3<br>English 1, II<br>English 2, I<br>English 13<br>French 2, II<br>German 1,III<br>Math. 7<br>Philosophy 1<br>Physics A<br>Zoology 3 | Botany 3<br>Chemistry 5<br>French 1, III<br>German 6<br>History 1, II<br>History 3<br>Latin 2, II<br>Math. 10<br>Spanish 1<br>Zoology 3 | Botany 3<br>English 1, I<br>French 1, I<br>French 4<br>German 2<br>Greek 7<br>Latin 3<br>Math. 2, I<br>Math. 3<br>Zoology 3 | Botany 3<br>Zoology 3 | |

## SCHEDULE OF EXAMINATIONS

| First Day | Second Day | Third Day | Fourth Day | Fifth Day |
|---|---|---|---|---|
| Drawing 4 | Chemistry 2 | Botany 1 | Chemistry 1 | Chemistry 6 |
| English 8 | English 6 | Economics 3 | Economics 4 | French 1 |
| German 1 | English 16 | French 5 | English 9 | German 6 |
| Greek 1 | French 1 | History 6 | English 12 | Greek 6 |
| History 7 | French 2 | Latin 1 | Geology 1 | History 1 |
| History 10 | Geology 6 | Pedagogy 5, 6 | German 3 | History 3 |
| Math. 1 | Greek 2 | Physics 5 | Greek 4 | Latin 2 |
| Math. 2 | History 1 | Pub. Spkg 2 | History 5 | Latin 4, 9 |
| Pedagogy 1, 3 | Law, Elem. | | Latin 5, 6 | Math. 10 |
| Philosophy 2 | Math. 8 | | Math. 3A | Spanish 1 |
| Physics 2 | Philosophy 4 | | Math. 7A | |
| | | | Sch. Org. 1, 2 | |

| Sixth Day | Seventh Day | Eighth Day | Ninth Day | Tenth Day |
|---|---|---|---|---|
| Economics 2 | Economics 1 | Botany 2 | English 4 | Chemistry 7 |
| English 1 | English 1 | Chemistry 5 | French 3 | Economics 5, 6 |
| English 2 | English 5 | Chemistry 7A | History 2, 4 | English 2 |
| English 13 | English 15 | English 3 | Latin 2 | English 14 |
| French 2 | French 4 | English 11 | Math. 3B | Geology 3 |
| Geology 4 | German 2 | Greek 3 | Physics 1 | Greek A |
| German 1 | Greek 7 | Greek 5, 10 | Physics 7 | Latin 1 |
| Greek 9 | Latin 3 | Latin 7A, 8 | Zoology 1 | Math. 1 |
| Math. 7 | Latin 10 | Philosophy 3 | | Math. 4 |
| Philosophy 1 | Math. 2 | Physics 4 | | Pedagogy 3, 4 |
| Physics A | Math. 3 | Pub. Spkg. 1 | | Physics 6 |
| | Physics 9 | | | |

# THE ASSOCIATION OF THE ALUMNI

## THE GENERAL ASSOCIATION.

THOMAS STEPHEN KENAN, A.B., *President.*
HENRY ARMAND LONDON, A.B., *Secretary.*
JAMES COLE TAYLOR, B.S., *Treasurer*

The membership includes all persons who have matriculated at the University of North Carolina in any department except the Summer School and all who are or have been officers of the institution.

An effort is now being made to accomplish a more thorough organization of the Alumni. The desire is that the individual alumni shall form into Local Alumni Associations in every community. These Local Associations are to form by proportional representation the General Association of the Alumni. The next meeting of the General Association will be held in Gerrard Hall at the University at the Commencement in June, 1906. Local Associations have been formed in certain cities and others will be established in the course of the year. It is to be hoped that every alumnus will concern himself in assisting the organization in his county or town. A printed statement of the plan of organization has been prepared and will be supplied on request. Inquiries should be directed to Mr. James C. Taylor, Chapel Hill, N. C.

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